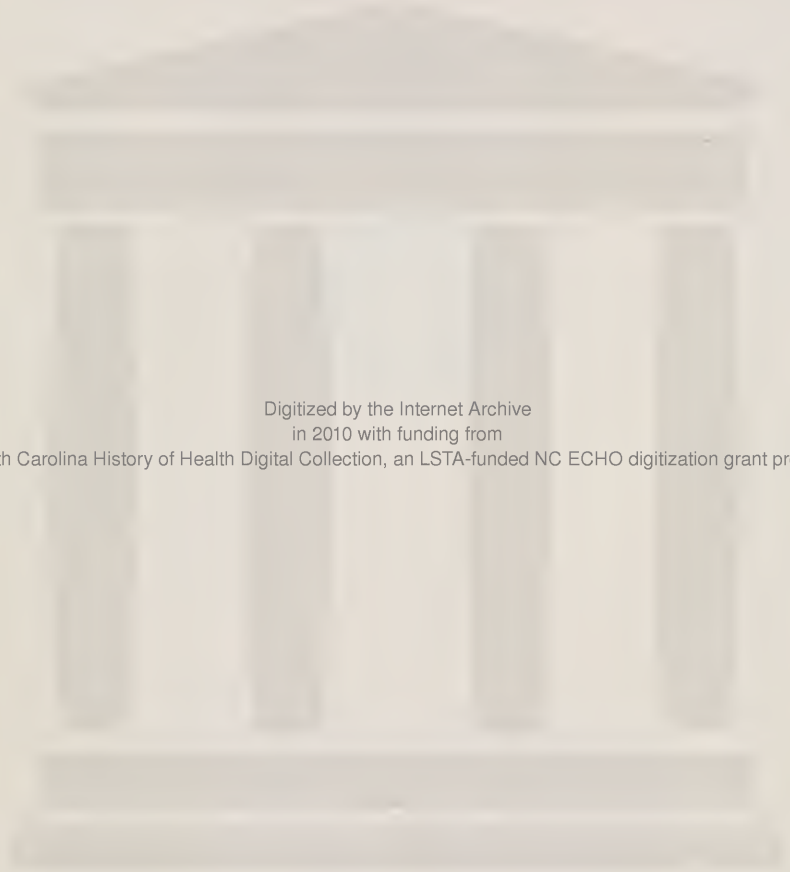
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The Carolina JOURNAL OF PHARMACY

Volume LV January 1975 Number 1

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JAN 20 1975

SCHOOL OF PHARMACY



INVENTORY CONTROL FACULTY

INVENTORY CONTROL SEMINAR FACULTY

Left to right (seated): W. Frank Fife, General Manager, Owens, Minor & Bodeker, Wilson; W. H. Wilson, President of the NCPhA, Raleigh; and D. C. Huffman, Jr., Executive Director of the American College of Apothecaries, Memphis, Tennessee.

Standing, left to right: Donald J. Deaton, Regional Vice-President, Revco Drug Stores, Inc., Martinsville, Virginia; J. Gary Newton, Prescription Center, Fayetteville; W. S. Dukes, McFalls Hillsdale Park Drug Company, Greensboro; Pete Matthews, Owens, Minor & Bodeker, Wilson; and Donald Ahern, President, Scott Drug Company, Charlotte.

Not pictured: Arthur S. Dods, Capitol Division Manager, Johnson and Johnson.

If your customers ask you about vitamins ...they want to know more than price



Your professional judgment is an important source of information to your customers who ask you about vitamins. When you recommend Mi-Cebrin T® (vitamin-minerals therapeutic, Dista), you can tell them that here is a therapeutic vitamin-mineral product with a special "laminated" construction. A special protective coating separates the outer layer of minerals from the inner core of vitamins; this helps assure full potency for your customers.

Mi-Cebrin T®

Each tablet contains:

Thiamine Mononitrate (Vitamin B_1)	15	mg.
Riboflavin (Vitamin B_2)	10	mg.
Pyridoxine Hydrochloride (Vitamin B_6)	2	mg.
Pantothenic Acid (as Calcium Pantothenate)	10	mg.
Niacinamide	100	mg.
Vitamin B_{12} (Activity Equivalent)	7.5	mcg.
Ascorbic Acid (Vitamin C)	150	mg.
Vitamin E (as *dl*-Alpha Tocopheryl Acetate)	5	mg.
Vitamin A Synthetic (10,000 units)	3	mg.
Vitamin D Synthetic (400 units)	10	mcg.

Contains also— approximately

Iron (as Ferrous Sulfate)	15	mg.
Copper (as the Sulfate)	1	mg.
Iodine (as Potassium Iodide)	0.15	mg.
Manganese (as the Glycerophosphate)	1	mg.
Magnesium (as the Hydroxide)	5	mg.
Zinc (as the Chloride)	1.5	mg.

Available in bottles of 30, 100, and 1,000.

Dista Products Company
Division of Eli Lilly and Company
Indianapolis, Indiana 46206

DISTA

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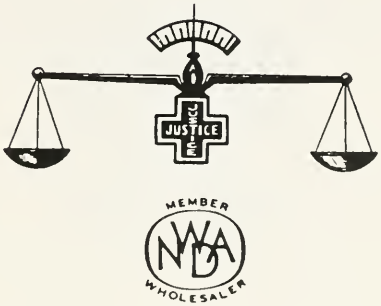
YOU HAVE EVERYTHING TO GAIN
and
NOTHING TO LOSE . . .

Build your volume, traffic and profits.

ASK YOUR JUSTICE SALESMAN ABOUT THESE EXTRA PROGRAMS FOR YOUR STORE:

1. GOOD NEIGHBOR PHARMACY PROGRAM
2. G.E.M. PROGRAM (Deal Specials)
3. D.O.P.S. PROGRAM (Bonus Goods)
4. A-MARK—B & E (Sundry Circular Promotions)

DO JUSTICE TO YOUR DRUG BUSINESS!



JUSTICE DRUG COMPANY

Greensboro, N. C.

Now in our 77th Year of Service to the North Carolina Retail Druggists

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RETAIL PHARMACIES BUY
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Full Service Wholesaler Since 1891
Exclusive Cosmetics — Fragrances — Accessories
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The Carolina JOURNAL OF PHARMACY

January, 1975

Vol. LV No. 1

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SASSER RECEIVES TOP CANCER UNIT AWARD

Pharmacist J. Marshall Sasser of Smithfield was the recipient of a Distinguished Service Award in recognition of "longtime leadership and valuable service to the Cancer Society over a period of many years."

The award was presented to Pharmacist Sasser by The Johnston County Unit of the American Cancer Society. He has served on many of the county committees, treasurer for several years and president of the county unit. In mid-November 1974, he was reelected to the N. C. Division, American Cancer Society Board of Directors.

Pharmacist Sasser's wife, Sarah Ann, is chairman of the county unit's public education committee. Mrs. Grover Creech, a past president of The Woman's Auxiliary of the NCPhA, is treasurer and finance chairman of the county unit.

FREE ON REQUEST

to your local Smith Kline & French Laboratories' medical service representative

an easel-back poster with this notice: *WARNING (in red) Any person obtaining a controlled substance by use of a forged and/or stolen prescription is in violation of federal law and upon conviction may be fined up to $30,000 and/or imprisoned for up to 4 years.*

The poster is in use in Philadelphia by members of The Philadelphia Association of Retail Druggists, and will be available to pharmacists in other states from local SK&F representatives.

R. P. SCHERER CORP. TO BUILD PLANT NEAR MONROE

The R. P. Scherer Corporation of Detroit, one of the world's largest manufacturers of capsules for pharmaceuticals, plans to construct a 72,000 square foot plant near Monroe.

The plant will manufacture soft elastic capsules.

JOIN A. H. ROBINS

James D. Schenck, a graduate of the University of North Carolina, and George O. Perreault have joined A. H. Robins Company as medical service representatives.

They will be working in the Charlotte area.

TOMLINSON TO HEAD CAPE FEAR PHARMACEUTICAL SOCIETY

Leon Tomlinson, Fayetteville pharmacist, was installed as president of the Cape Fear Pharmaceutical Society at a meeting of the organization in Fayetteville on December 17.

Serving with President Tomlinson for the coming year will be Ellon Martin, vice president; Ralph Hunter, secretary; and Hunter Smith, treasurer.

Directors for the three-county organization are: Robeson—Eddie Malion; Sampson—Kathryn Thutt; and Cumberland—Al Pittman.

The installation ceremony, conducted by NCPhA Executive Director W. J. Smith, was a part of the organization's Christmas Party. The wives of Society members were present.

Entertainment featured the "Sweet Adelines," a local musical female group comparable to the male "barbershop" organization.

Jim Hickmon, the presiding officer, was commended for directing the Society's efforts to one of its most successful years of activity.

UP, UP AND AWAY

According to a wholesaler of pharmaceuticals and drug sundries, for a six months period starting April 1, 1974 and running thru September 1974, there were 17,685 price increases of which 4,712 were in pharmaceuticals.

LIFO

Some pharmacists, as a tax-saving device in these days of rising prices, have adopted LIFO.

LIFO is the "last-in, first-out" method of valuing inventory. If interested, consult your CPA.

PHARMACIST DESIRES A POSITION IN A PROFESSIONAL RETAIL PHARMACY, CLINIC, OR HOSPITAL PHARMACY LOCATED IN THE WESTERN OR PIEDMONT SECTION OF NORTH CAROLINA. CBM-1, c/o NCPhA, BOX 151, CHAPEL HILL, N. C. 27514

Vaughn D. Bryson has been promoted to executive director of corporate pharmaceutical marketing planning for Eli Lilly and Company. He had served as director of market research since 1972.

A native of Gastonia, N. C., Bryson graduated from high school there in 1956. He received a Bachelor of Science degree in pharmacy from the University of North Carolina in 1960 and completed the Stanford-Sloan program at the Stanford University Graduate School of Business in 1967.

Bryson was employed by a retail pharmacy before joining the Lilly firm in 1961 as a salesman in High Point, N. C. He served in various sales positions in North Carolina, Florida, and Georgia until June, 1965, when he was transferred to the company's headquarters in Indianapolis as a market research analyst. Later that year he became a senior personnel representative.

In July, 1967, Bryson was named a personnel manager, and a few months later he became manager of economic studies. He was named a district sales manager in Sacramento in 1968, director of distribution and materials planning early in 1970, and director of sales for the company's Great Lakes region later that year.



Vaughn D. Bryson

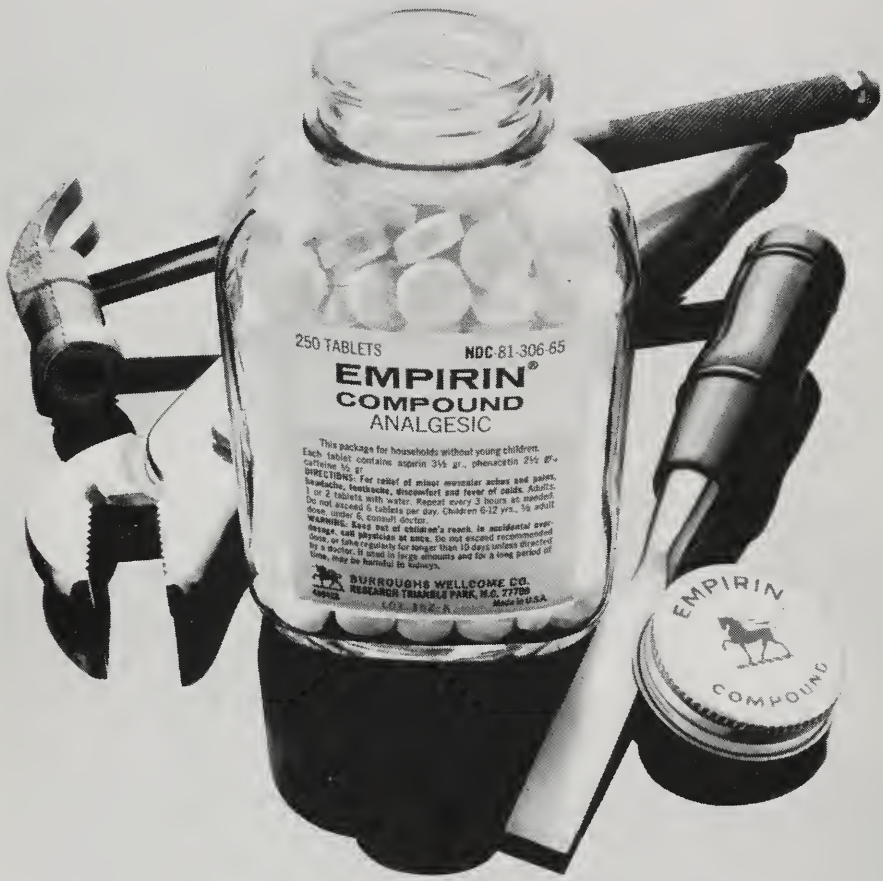
Registered as a pharmacist in North Carolina, Bryson is a member of the *North Carolina Pharmaceutical Association* and the Economic Club of Indianapolis.



Pharmacist J. Marshall Sasser (center) is shown receiving the distinguished service award from the Johnston County Unit of the American Cancer Society. He is shown with other award winners (left to right) Miss Rena King and Mrs. Jarley Narron. See oppasite page for additional information. Photo by the Smithfield Herald.

NO TOOLS NEEDED.

Empirin® Compound 250's still have easy-open, easy-close, fiddle-free caps



Good sales sense

No need to create cap-opening difficulties for people who can't cope with child-resistant closures. The elderly and the handicapped. Households without children. (To accommodate these users, each manufacturer of aspirin-containing analgesics is permitted by law to make one size available without a safety closure.)

The Empirin Compound 250 tablet bottle is the right choice for them. Easy to open. Easy to close. Easy to take.

Good profit sense, too

Every Empirin Compound "250" you sell can bring you a profit of up to $1.10* Yet one facing uses only 4⅝ inches—scarcely more than most analgesic 100's do.

Make the most of every analgesic inch on your shelves. Make it with Empirin Compound 250's.

*Based on suggested list prices.

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Research Triangle Park
North Carolina 27709

CLIFFORD A. PARISH, JR. APPOINTED BPA DIRECTOR

Clifford A. Parish, Jr., advertising manager, Burroughs Wellcome Co., Research Triangle Park, N. C., was appointed to the Board of Directors, Business Publications Audit of Circulation, Inc. (BPA) at the Board's December 3 meeting.

"As the leading circulation audit bureau for medical and professional journals, BPA works closely with pharmaceutical companies that spend an estimated 136 million annually to advertise their products in medical publications," explained BPA chairman, Michael A. Walsh. "We look forward to Cliff's contributions to this important area of our work," Walsh said.

An ethical drug manufacturer of more than 80 products, the research laboratories at Burroughs Wellcome Co. constantly explore new concepts in chemotherapy for improved antibacterial, cancer, cardiovascular and other medicinal agents for the alleviation of human suffering. Through the Burroughs Wellcome Fund, the Company provides grants to selected scholars in clinical pharmacology at leading medical schools.

As advertising manager, Parish is responsible for the Company's journal advertising, direct mail and professional services correspondence. He joined Burroughs Wellcome in 1948 and was named advertising manager in 1960, and resides in Chapel Hill, N. C. A native of Kansas, Parish is a graduate of the University of Missouri School of Pharmacy. He is a member of the Pharmaceutical Advertising Club, the American Medical Writer's Association and the Direct Mail/Marketing Association, Inc.

Parish was appointed to the BPA board to complete the unexpired term of Robert E. Devanna, Roche Laboratories, Nutley, New Jersey.

The 21-member board sets corporate policy for this independent, not-for-profit membership organization. Each director serves without compensation and pays his own expenses to the quarterly board meetings.

While 98% of BPA's income is derived from its publication members, BPA policies are controlled by the buyers of advertising space: two-thirds of the board members represent advertiser companies and advertising agencies.

BPA releases more than 1300 circulation reports each year on its more than 650 publication members. Through its recently developed Exposition Audit Division, BPA also audits registered attendance of trade shows; to date, 13 EAD audits have been released.

OFFICERS OF THE TMA FOUNDATION FUND

C. Rush Hamrick, Jr., Chairman
W. P. Brewer, Secretary-Treasurer
L. M. McCombs, Assistant Secretary-Treasurer

BOARD OF DIRECTORS

C. Rush Hamrick, Jr., Chairman
One Year: W. H. Worley, Jr., S. T. Forrest, J. A. Wolfe and W. P. Brewer; Two Years: Tom Sanders, L. M. McCombs, Reuben Russell and C. Rush Hamrick, Jr.; Three Years: Zack Lyon, Frank Fife, John Alexander and Ralph Rogers

EXECUTIVE COMMITTEE

J. A. Wolfe, Tom Sanders, and John Alexander

Contributions to the TMA Foundation Fund may be mailed to Mr. W. P. Brewer, c/o Justice Drug Company, P. O. Box 22025, Greensboro, N. C. 27420.

TMA MEMBERSHIP ROLL

An up-to-date list of members of The Traveling Men's Auxiliary of the NCPhA for 1974-'75 appears on pages 24-25 and alternate pages thereafter.

Where desired, the pages may be removed from the *Journal* and attached to cardboard for an easy reference poster. On request, an extra copy of the *Journal* will be mailed without charge.

If your favorite sales representative is not listed among the 240 plus members of The TMA, an application blank may be obtained by writing: Mr. L. M. McCombs, Secretary-Treasurer, TMA, P. O. Box 7, Creedmoor, N. C. 27522.

NINTH ANNUAL PHARMACY SEMINAR ON SOCIO-ECONOMIC ASPECTS OF PHARMACY PRACTICE

Institute of Pharmacy, Chapel Hill, Wednesday, Feb. 19, 1975

Sponsored by

N. C. Pharmaceutical Association and the School of Pharmacy, University of North Carolina

9:15 REGISTRATION AND COFFEE

10:00 GREETINGS
Seymour M. Blaug, Dean, School of Pharmacy, University of N. C.
William H. Wilson, President, N. C. Pharmaceutical Association

10:15 "WHAT YOU SHOULD KNOW ABOUT THIRD PARTY PLANS"
Jack Dawson, R.Ph., Vice-President of Eckerd Drugs, Inc., Director of Professional Services, Charlotte

11:00 "OPPORTUNITIES FOR PHARMACISTS IN HEALTH CARE FACILITIES"
J. W. Bradley, III, R.Ph., Pharmacist Consultant for Division of Facility Services, Department of Human Resources, Raleigh

11:45 "THIS WORKS FOR ME—SERVICE TO HEALTH CARE FACILITIES PANEL:
Jerry Johnson, R.Ph., Raleigh (Hilhaven Nursing Homes)
William R. Adams, R.Ph., Wilson (Medic-Home Health Center)
David Stang, R.Ph., Greensboro (Green Haven Nursing Home)

12:30 LUNCH Zoom-Zoom (included in registration)

1:30 "IMPACT OF MAXIMUM ALLOWABLE COST (MAC) ON PHARMACY PRACTICE"
Vincent R. Gardner, R.Ph., Chief, Drug Studies Branch Social Security Administration, Washington, D. C.

2:15 "PROFESSIONAL PROMOTION FOR PHARMACY MANAGERS"
Gary Newton, R.Ph., F.A.C.A., President, American College of Apothecaries, Fayetteville

3:00 BREAK

3:15 "THE ROLE OF THE PHARMACIST IN PREVENTIVE DENTISTRY"
Harry C. Ramsey, R.Ph., School of Dentistry, University of North Carolina

4:00 "THE VALUE OF PACKAGING IN DISPENSING A PRESCRIPTION"
David P. Guinle, Southern Region Manager, Owens-Illinois Prescription Products Division, Memphis, Tennessee

4:45 ADJOURNMENT

MODERATORS

AM SESSION: Claude U. Paoloni PM SESSION: W. H. Wilson

ADDITIONAL DETAILS, INCLUDING REGISTRATION FORM, MAILED DIRECT BY THE UNC SCHOOL OF PHARMACY AND THE NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

RX #100 MILLION?

The pharmacy at Womack Hospital, Fort Bragg, is one of the top military medication posts in the United States. Daily, more than 2000 Rxs are dispensed.

A recent Rx dispensed by the pharmacy was numbered past the 74 million mark. A 24-gun salute is planned for Rx #100 million.

COLUMBUS COUNTY DINNER/DANCE

The Columbus County Pharmaceutical Association held a dinner-dance, December 17, at the Heart of Whiteville. Special guests were the physicians and dentists of Columbus County.



OUR IN STOCK STACKS UP.

With warehouses in Washington, D.C., Baltimore, Md., Norfolk, Va., and Dover, Del., our distribution points are strategically located. And in each of our warehouses, we've mapped out the most efficient methods possible for accurately filling orders.

Each time you call in for an emergency requirement or simply depend on our representatives to provide what you need, your request is handled by a whole team of experienced personnel. From our warehouse to your door you might say our In Stock stacks up better than anybody in the business. Put us to the test and see how we stack up for you.

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COMPANY
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Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of anxiety and tension occurring alone or accompanying various disease states.

Contraindications: Patients with known hypersensitivity to the drug.

Warnings: Caution patients about possible combined effects with alcohol and other CNS depressants. As with all CNS-acting drugs, caution patients against hazardous occupations requiring complete mental alertness (*e.g.*, operating machinery, driving). Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage; withdrawal symptoms (including convulsions), following discontinuation of the drug and similar to those seen with barbiturates, have been reported. Use of any drug in pregnancy, lactation, or in women of childbearing age requires that its potential benefits be weighed against its possible hazards.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (*e.g.*, excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.

Supplied: Librium® Capsules containing 5 mg, 10 mg or 25 mg chlordiazepoxide HCl. Libritabs® Tablets containing 5 mg, 10 mg or 25 mg chlordiazepoxide.

ROCHE

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Division of Hoffmann-La Roche Inc.
Nutley, N.J. 07110

INCLUDES THIS OUTSTANDING PACKAGE.

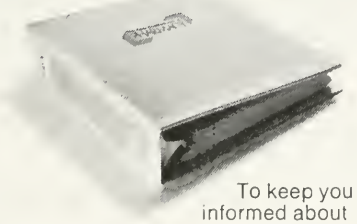
As the originator and developer of Librium (chlordiazepoxide HCl), Roche has accumulated through the years a vast amount of experience and knowledge with this widely accepted, highly respected antianxiety agent. *And you have ready access to this storehouse of technical information.*

Medical Emergency Line



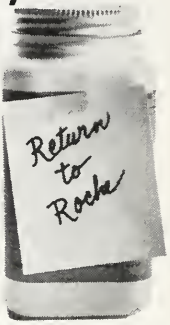
For questions requiring an immediate answer, our Medical Emergency Line (201-235-2355) provides a direct, round-the-clock telephone service for specific questions on Librium (chlordiazepoxide HCl) and other Roche products. In addition, our information specialists are prepared to answer inquiries of lesser urgency by mail. Through your Roche representative, you can also obtain a variety of informative materials, *e.g.*, scientific brochures, reprints and bibliographies.

The New Environment of Pharmacy



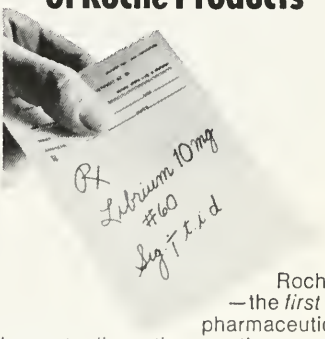
To keep you informed about current trends in pharmacy and changing factors governing the profession, Roche has initiated a new educational service designed *by* pharmacists *for* pharmacists. This ongoing professional resource, *The New Environment of Pharmacy*, will keep you continuously informed on a wide range of pertinent subjects—new governmental regulations, drug interactions, concepts and techniques in pharmacy management, etc. If your pharmacy has not already enrolled in this program, just write to The New Environment of Pharmacy, Roche Laboratories, Division of Hoffmann-La Roche Inc., P.O. Box 283, Nutley, N.J. 07110.

Liberal Return Goods Policy



Roche understands the difficulties that a busy pharmacist has in maintaining a proper inventory. Prescription demand for Librium (chlordiazepoxide HCl) tends to minimize any expiration problems for this product. For other Roche products that may be outdated or discontinued, the Roche return-goods policy expedites replacement and enables you to keep your stock up to date.

No Sampling of Roche Products



Roche—the *first* pharmaceutical house to discontinue routine sampling to physicians—believes that the dispensing of drugs by the pharmacist contributes to better control of drug usage.

And the Roche commitment to product excellence is your assurance of uniformly high quality.

Librium® (chlordiazepoxide HCl)
5 mg, 10 mg, 25 mg capsules

STP

Shelf Labels
Turnover Reports
Price Stickers

Another SMITH Service that will provide you shelf labels and price stickers for every item ordered. Supplied in invoice sequence.

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*GOOD RECORDS FOR YOUR CUSTOMERS—A proven accounts receivable system—Designed from the ground up for your needs —by the folks who went to computers in 1958. Better collection for you and prescription tax records for your customers. You also automatically earn interest on past due accounts if you desire.

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ADVERTISING PROGRAM

HOW'S YOUR RETAIL IMAGE?—Good? Bad? Indifferent—Consult your Smith Representative about our Associated Druggist Program. Some of the advantages of this program are hometown newspaper advertising—buying advantages—clerk training program—In store promotion materials and store advertising fliers.

Just three of the many SMITH services

Also ask about retirement, group hospitalization and major medical.

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ROCK HILL - - - - 328-5830	**ASHEVILLE - - - - 684-6121**
GAFFNEY - - - - 487-4949	**ANDERSON - - - - 646-3641**

SPARTANBURG SOUTH CAROLINA 29301



TAR HEEL DIGEST

MADISON—Clayburn Hawkins, co-owner and operator of Hawkins Rexall Drugs, has been named to the Madison Board of Alderman.

BANNER ELK—Sixteen pharmaceutical and medical supply firms had exhibits at the November 13 Pharmacy Fair at Cannon Memorial Hospital. Over 130 registered for the Fair.

LIBERTY—First place prize winner in the annual Christmas Parade staged this year by the Liberty Chamber of Commerce and the Liberty Jaycees was Library Drug Company.

HENDERSON—Mike Damery, a graduate of the St. Louis College of Pharmacy, has joined Woolard's Drug Store #2 as a pharmacist.

HICKORY—Guest speaker at a recent meeting of the Hickory Kiwanis Club was Thomas L. Richards. Subject: Stamp Collecting.

OLD FORT—Old Fort Drug Store, which opened in mid-November, has two pharmacists, Ralph P. Justice, Jr. and Richard Wood.

FAYETTEVILLE—James Jones has been given an 18-24 months suspended prison term for stealing cameras from Eckerd's Drug Store and ordered to pay $480 to Eckerd's for the merchandise.

CHARLOTTE—Miss Carolyn Waff, an employee of Pike's Drug Store, 2044 North Graham Street, while on her way to a nearby bank to make a store deposit, was knocked to the ground and robbed of the deposit. Later, police arrested a suspect and recovered the money.

ANDREWS—Burch Drug Store, owned by Pharmacist E. U. Burch, was destroyed by fire prior to Christmas. The fire apparently was the work of a firebug who also set small fires at two other stores in trash cans and in a barn.

PITTSBORO—Eric Dwight Brown of Durham has been charged with passing a forged prescription at the Pittsboro Pharmacy.

ROBERSONVILLE—Three Martin County men drew four to six year sentences for breaking, entering and larceny of the Grimes Drug Store.

MOREHEAD CITY—City police arrested two persons inside Eckerd's Drug Store for possession of cocaine and burglary tools. The store's burglar alarm was tripped after the two men gained entrance thru a roof hatch.

WILMINGTON—Three pharmacists serve as directors of the recently opened Hanover Bank: Hobart G. Whaley, Ralph E. Carter, Jr. and John C. Bullock, Jr.

BREVARD—James S. Alexander, a graduate of the University of Georgia School of Pharmacy, has accepted a position with Brevard Pharmacy. He recently completed a three-year tour with the U. S. Army, serving as chief pharmacist at Fort Gulick Health Clinic in the Panama Canal Zone.

WILLIAMSTON—Pharmacist Mike Allred, a graduate of the UNC School of Pharmacy, has been named manager of the newly opened Peoples Service Drug Store, Martin Plaza Shopping Center. He has been with Peoples since 1972 and was most recently assistant manager of Peoples' store in New Bern.

CHAPEL HILL—A recent workshop sponsored by the UNC School of Nursing, "A Practical Approach to Drug Interactions," included two pharmacist faculty members: Margaret Gebhardt and Heyward Hull.

HICKORY—Pharmacist Mack R. Means, president of Medical Center Pharmacy, has completed a three-day seminar in Orlando, Florida sponsored by United Surgical.

ROANOKE RAPIDS—Mast Discount Drugs, opened recently in the Kroger Shopping Center, is managed by UNC pharmacy graduate Dwight Aysene.

'75 NCPhA CONVENTION PLANNING UNDERWAY

1975 Annual Meeting of the North Carolina Pharmaceutical Association and Affiliated Auxiliaries

Winston-Salem Hyatt House, Winston-Salem, North Carolina

Sunday—Monday—Tuesday, April 13-14-15, 1975

CONVENTION CHAIRMEN

N. C. Pharmaceutical Association:

Mr. Donald K. Chapman, 340 Westoak Trail, Winston-Salem, N. C. 27104

Woman's Auxiliary, NCPhA:

Mrs. Donald K. Chapman, 340 Westoak Trail, Winston-Salem, N. C. 27104

Traveling Men's Auxiliary, NCPhA:

W. F. Elmore, P. O. Drawer 540, Wilmington, North Carolina 28401

HOUSING

A block of 150 rooms has been reserved at The Winston-Salem Hyatt House, 300 West Fifth Street, P. O. Box 599, Winston-Salem, N. C. 27102. Telephone (919) 723-9111.

Room reservation cards will be mailed to NCPhA and TMA members in January.

Convention registrants at The Winston-Salem Hyatt House will be pleased with the elegant accommodations . . . the exhilaration of glass-bubble elevators traversing the Atrium above reflecting pools, bubbling fountains and hanging gardens . . . a swimming pool tucked away under a waterfall with the aquatic delight of a splashing, 12-foot water slide. And adjoining, a 650 space column-free parking garage.

PROGRAM

Three action-packed days, starting Sunday night with an opening awards/recognition dinner; AM business session on Monday followed by golf and special events; two business sessions on Tuesday including a 3-hour session on "Human Relations" sponsored by The Upjohn Company.

ENTERTAINMENT

To be sponsored by The Wholesale Druggists of North Carolina (on Monday night) and the TMA (on Tuesday night).

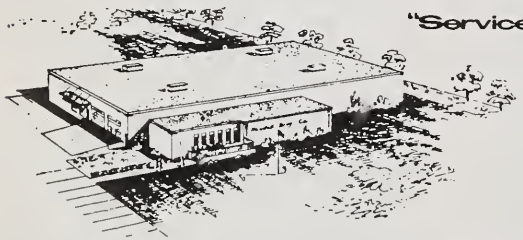
GENERAL INFORMATION

relating to the convention may be obtained by writing/calling

W. J. Smith, Executive Director, N. C. Pharmaceutical Association,

P. O. Box 151, Chapel Hill, North Carolina 27514

Telephone: (919) 967-2237.



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NEW PHARMACIES

1. Reveo Diseount Drug Center, Plaza East Shopping Center, 1934 Eastwood Road, Wilmington 28401. Edmund M. Wellons, pharmaeist manager.
2. Reveo Diseount Drug Center, Brookridge Shopping Center, 6900 Lawyer's Road, Charlotte 28212. William P. Frye, pharmaeist manager.
3. Gibson Pharmaey, 123 Mahaley Avenue, Salisbury 28144. William R. Futrell, Jr., pharmaeist manager.
4. K Mart Pharmaey, 4101 Fayetteville, Raleigh 27603. Frank L. Peehal, pharmaeist manager.
5. Health Care Serviees of Hiekory, 964 16th Street, N. E., Hiekory 28601. James C. Suarez, pharmaeist manager.
6. Mast Drug Company, Park Plaza Shopping Center, Roanoke Rapids 27870. Dwight Ayseue, pharmaeist manager.

LIMITED SERVICE PHARMACY

Nursing Center Pharmaeies, 520 Valley Street, Statesville 28677. V. Irving Boyles, Jr., pharmaeist.

RECIPROCITY

1. William R. Stokes, Hendersonville. From Tennessee
2. Emilie Selbo Sigel, Durham. From Virginia
3. Mike Carey Branson, Camp Lejeune. From Texas
4. Cyril Charles Maruzzella, Greensboro, From New York
5. Jimmy Ford Thomas, Spring Lake. From Louisiana

CLOSES RX DEPARTMENT

Carolina Pharmaey, Ine., Pinehurst, has closed its preseription department. Rx files have been transferred to Medieal Center Pharmaey.

Wesley Viall, Jr. is now associated with Mann's Drug Store in Laurinburg.

DEA REGISTRATION

The Board of Pharmaey has been informed by the Distriet Offiee of DEA and/or the Exeeutive Seeretary of the North Carolina Board of Medieal Examiners that the following praetitioners in the state are no longer registered to issue preseriptions for controlled substanees in Sehedule II.

Dr. A. E. Barnhardt—Kannapolis
Dr. J. M. MeGee—Greensboro
Dr. Kenneth E. Neese—Monroe
Dr. Harold H. Newman, Jr.—Salisbury
Dr. Pressley R. Rankin—Ellerbe
Dr. L. R. Staton—Hayesville

It is understood that the abridged registration applies to Sehedule II substanees only and that these physieians are registered to preseribe eontrolled substanees in Sehedules III through V.

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EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

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PLAN I: $18,000 Maximum Benefit including $30 Daily Room Limit
PLAN II: $30,000 Maximum Benefit including $50 Daily Room Limit
(Up to $45,000 Maximum Benefit including $75.00 Daily Room Limit Available)

TERM LIFE PLAN

Up to $20,000 For Members
Dependents Coverage Also Available

HOSPITAL INCOME PLAN

$25.00 Per Day For Member
$20.00 Per Day For Spouse
$15.00 Per Day For Each Child
Payable From The First Day of Hospital Confinement For Up to 15 Months

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DISASTERS

Major and Minor

CONCORD

Don's Discount Drug Store. Controlled Substances, valued at more than $5000, taken from the pharmacy in an early December robbery. This is the second robbery of the pharmacy in two months.

CONCORD

Parks Pharmacy. Drugs valued at several thousand dollars removed from the pharmacy in a breakin.

ASHEBORO

Asheboro Drug Company. Drugs and $90 in cash taken. Entry to the pharmacy was gained by throwing a brick through a glass on the southeast side of the building. Previously, thieves used a shotgun to blast out the pharmacy's alarm system and then rolled a heavy safe from the building.

SEABOARD

Seaboard Community Drug Store. Large quantity of Controlled Substances taken in a robbery of the pharmacy.

WALSTONBURG

Jenkins Drug Store. Thieves cleaned out the pharmacy's locked drug cabinet.

MURFREESBORO

College Pharmacy. Drugs, cash and watches taken in a robbery of the pharmacy.

MOUNT AIRY

Square Rexall Pharmacy. Drugs valued at $900 stolen from the pharmacy in break-in.

WHITEVILLE

McNeill's Drug Store. A young white man held up Pharmacist John A. McNeill and escaped with some Controlled Substances and $150 in cash. Before leaving the store, the robber herded Mrs. Lyda McNeill, 89-year old mother of Pharmacist McNeill, into a rear storage room but she was unharmed.

DUNN

B-C Community Drugs. Thieves lost little time in visiting this newly opened pharmacy, twice within a short period of time. Of special note: The second robbery was limited to the pharmacy's supply of insulin.

CANDOR

B&B Drug Company. Hole cut in roof of pharmacy to gain entry to the pharmacy. Schedule drugs valued at $1000 taken.

HIGH POINT

Eckerd's Drug Store, Southgate Shopping Center. Two High Point teen-agers were arrested and charged with breaking and entering and larceny. Drugs valued at $1000 and two duffel bags were recovered by police at the time of the arrests. Police were alerted by a burglar alarm.

GREENSBORO

Rite-Aid Discount Pharmacy, 1457 East Cone Blvd. Three black men used physical force to rob the assistant manager of a bank deposit of $2,300.00.

CHARLOTTE

Sterling Drugs. Pharmacist William Proctor held up in pharmacy's parking lot and robbed of money and wallet.

BOONVILLE

Boonville Pharmacy. Thieves entered the pharmacy and stole drugs and merchandise.

ASHEBORO

Provo Drugs. Randle Steve Millikan has been charged with attempting to obtain a Controlled Substance by fraud.

LUMBERTON

Pine Street Drugs. Thieves cut a hole in building from a nearby doctor's office and removed a quantity of drugs.



Is this you, doing relief work?

Many pharmacists work in more than one store. That's fine!

BUT who's going to pay the legal fees if that customer claims an error was made?

It could be you!

Protect yourself! Obtain your own Professional Liability Policy from the company founded *by* pharmacists *for* pharmacists! Even though you don't do relief work, you can be held liable for any alleged mistakes at your regular place of employment. If you already have a professional liability policy, is it *Excess* or *Primary?* What's the difference?

The ADI insurance is *Primary.* That means in the event of a claim, we are there to defend you! Excess policies may or may not. Look for wording such as, "this policy shall apply only as excess over other valid and collectible insurance."

BE SECURE! SEND IN THE APPLICATION AT RIGHT TODAY!

The American Druggists' Insurance Company

APPLICATION FOR PROFESSIONAL LIABILITY FOR THE PHARMACIST

LIMITS $300,000 EFFECTIVE DATE_____

1. NAME_____

2. ADDRESS_____

3. TELEPHONE_____

4. EMPLOYER_____

ADDRESS_____

5. WHEN DID YOU GRADUATE FROM PHARMACY SCHOOL?_____

WHAT SCHOOL?_____

YEAR REGISTERED_____STATE_____

6. ARE YOU AN OWNER, PARTNER, OR CORPORATE OFFICER OF A RETAIL PHARMACY?
YES NO (CIRCLE ONE)

7. ARE YOU PRACTICING PROFESSIONALLY, FULL TIME OR PART TIME, ANY PLACE **OTHER THAN** A RETAIL PHARMACY? (FOR EXAMPLE, A HOSPITAL OR NURSING HOME)
YES NO (CIRCLE ONE)

8. DO YOU COMPOUND IN BULK, MANUFACTURE, OR WHOLESALE ANY DRUGS OR DRUG PRODUCTS?
YES NO (CIRCLE ONE)

9. HAVE ANY PROFESSIONAL LIABILITY CLAIMS BEEN MADE AGAINST YOU?
YES NO (CIRCLE ONE)

10. PLEASE GIVE THE DETAILS CONCERNING ANY "YES" ANSWER(S) ON QUESTIONS 6 THROUGH 9.

SIGNING THIS APPLICATION DOES NOT BIND THE COMPANY TO COMPLETE THE INSURANCE, BUT IT IS AGREED THAT THIS FORM SHALL BE THE BASIS OF THE CONTRACT SHOULD A POLICY BE ISSUED.

_____ _____
DATE SIGNATURE OF APPLICANT

PLEASE SEND COMPLETED APPLICATION, TOGETHER WITH CHECK FOR $75.
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THE ANTI-DRUG INDUSTRY: A PERSPECTIVE

By Steve R. Moore, R.Ph., Associate Director, Drug Education Program
School of Pharmacy, University of North Carolina
Chapel Hill, N. C. 27514

On a trip last Spring to visit several drug agencies in Ireland and England, I was constantly bombarded with questions on the "anti-drug industry" in the United States. Since that time I have looked at this new "industry" in a somewhat different light. Countless millions of dollars have been spent on drug problem areas thus far with little real proof that any real good has been accomplished. Indeed, the case can readily be made that this money has sought to perpetuate the drug problem because of the monetary gains for a few or the thousands of individuals who have "expertise" in this field but no real ability to work in any other area without new training. Though most programs have not proven their worth on either a financial or health basis, their ominous threat that if they were not there, things would be much worse, seems to be their primary basis for existence, however unproven or untrue.

On both a governmental and civilian scale, a major new philosophy developed over a year ago. Quite realistically, this philosophy stated that there are in effect no real drug problems but people problems. Drug use and abuse should be viewed in the context of life and its varied experiences. In working with this generic view of people problems, drugs as well as other problems could rationally and effectively be handled. Though certainly a reasonable and workable philosophy, the decision makers in the anti-drug industry realized that this would effectively crumble their cookie. Though outwardly espousing this philosophy, inwardly they have and are seeking to firmly imbed their power into an ongoing effort to prove their necessity and worth. Many times, using the very scare tactics that they have condemned in drug education, they seek to appeal to baser emotions of citizens and fears of harm to themselves and their prodigy, in order to further the ever growing financial and political power sought.

In 1971, under legislative mandate, the North Carolina Drug Authority was established. It's duties were to "coordinate all State efforts related to drug abuse prevention, education, control, treatment, and rehabilitation . . . and effectively administered and duplicating and overlapping efforts eliminated." In addition, various coordination and assistance functions were assigned to implement these designations. Some three years and several million dollars later, there is virtually no change that can be directly attributable to the North Carolina Drug Authority regarding drug use and misuse in the state. With the growth of the "single state agency" concept, large grants of federal money were and are channeled into the Drug Authority coffers for utilization (almost $2 million thus far). Aside from the political nature of much of the dispersement of the funds, little accountability of the real effect of the funds has been undertaken by the Authority. Inevitably, as with all glamour programs, federal support is now waning and the state is being asked to pick up more of the tab this next year (almost $1 million) and a whopping $3.2 million budget the next year.

What is sought with this funding? Due to projections, which the Authority administrative staff provided, expansion is sought to the systems of inspection and regulation for handlers of controlled substances. This means yet another nebulous and undefined potentially troublesome inspection system for all pharmacies with yet unforseen additional paperwork and trouble, in addition to the current workable system under the auspices of the Board of Pharmacy. This funding means a proliferation of treatment programs of unproven need, education programs of unknown impact, and outreach programs of unaccountable outreach. In short, the budgetary requirements seek to so firmly entrench the "drug" idea in all its related areas that the programs so advocated become permanent "drug" agencies in the involved communities. This is without regard to the staggering amount re-

(Continued on Page 32)

OBJECT: Cooperation with North Carolina Druggists and Promotion of Good Fellowship Among Salesmen Soliciting Drug Trade in North Carolina

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of

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1974-1975

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JUSTICE DRUG CO.	W. C. Warren, Jr.	Box 22025, Greensboro, NC 27420

(Continued on Page 27 and Alternate Pages, Concluded on Page 35)

U. S. PHARMACOPEIA XIX PUBLISHED

USP XIX, the completely revised and enlarged new Pharmacopeia, was published in December, and will become official as of July 1, 1975. Copies of USP XIX will become available in quantity starting in January, 1975.

More drugs and dosage forms are recognized in this, the Nineteenth Revision, than have been listed before in any modern USP. In continuing to provide standards and tests for demonstrating the identity, strength, quality, and purity of those drugs representing the best in current medical practice and teaching, USP XIX breaks new medical and pharmaceutical ground with the comprehensive array of therapeutic and diagnostic categories covered in the new edition.

USP XIX contains almost 1300 monographs, 16% more than appeared in the preceding edition.

Expiration Dating and Other Changes in General Notices

The General Notices, which apply to the USP standards, tests, assays, and other specifications, are revised considerably, particularly with respect to containers, labeling, and abbreviations for metric units. Definitions are introduced for single-unit, multiple-unit, and unit-dose containers.

A significant change is the provision that in the absence of a specific requirement in the individual monograph for a dosage form, the label of such article shall bear an expiration date assigned by the manufacturer for the particular formulation and package of the article.

Newer abbreviations that are currently in use for metric units, such as "μg" to replace "meg" for microgram(s), "nm" to replace "mμ" for millimicron(s), and "μm" to replace "μ" for micrometer(s), have been adopted.

Other, less prominent revisions have been made in the General Notices also. The USP XIX General Notices were revised in close cooperation with the National Formulary, to the end that the General Notices in both compendia are as nearly identical as possible. Such uniformity is expected to facilitate application of the General Notices in the official compendia and to eliminate the possibility of question or confusion by those who are concerned with drug standards.

General Chapters

The General Chapters section was thoroughly reviewed and revised also for USP XIX, and is enlarged in size and scope by the addition of text on new methods and requirements, including eight entirely new chapters.

Dispensing Information

The USP XIX monographs on therapeutic articles include more extensive information about the usual pediatric dose. Also, except for articles intended for parenteral use, the monographs include a new section on dispensing information that serves as a basic reminder or general guide to the pharmacist, who may vary or omit it in accordance with the best interests of the patient or the particular circumstances involved.

New Format

The most striking new physical aspect of the latest Pharmacopeia is its larger trim size, 8¼" x 11¼". The larger page size and revised two-column format accommodate a considerable increase in the amount of USP text and result in substantial economy of space. The USP XIX format is designed for optimal readability and for ease of reference, and innovations in the arrangement of text facilitate the distinctions between compendial requirements and those portions of the text that are primarily informational in nature and intent and not part of the requirements.

Responding to an often-expressed preference by users of the Pharmacopeia, a division of the monographs section is made whereby monographs on drug substances and dosage forms are given first, followed by the group of monographs on articles known as pharmaceutic ingredients. Alphabetic cross-references are made between the two sections of monographs for ease of reference. Furthermore, the format within a given monograph is modified so as to present the primarily informational portions of the text first, followed by the text comprising requirements, the latter section of

(Continued on Page 28)

KENDALL DRUG CO.	Dan Busby	Box 5334, Statesville, NC 28677
KENDALL DRUG CO.	John W. Canipe	Rt. 3, River Bend Acres, Shelby, NC 28150
KENDALL DRUG CO.	Raymond E. Canipe	416 Leander St., Shelby, NC 28150
KENDALL DRUG CO.	C. Rush Hamrick, Jr.	Box 1060, Shelby, NC 28150
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USP XIX *Continued*

the monograph being introduced by a boldface double-arrow symbol. Thus, the informational portions preceding the double-arrow symbol generally include those designated as category; usual dose; usual dose range; usual pediatric dose; sizes available; dispensing information; description; and solubility. This distinctive separation of the informational from the mandatory requirement text serves two purposes, namely the convenient classification of the types of information of most concern to the physician and the pharmacist in one location in the monograph, and the designation of all text following the double-arrow symbol as requirements that must be met by the article.

Just as the informational is separated from the requirements text among the USP XIX monographs, so are the general chapters segregated. Thus, the general chapters pertaining to Pharmacopeial requirements are grouped together, and are followed by the group of general chapters that are primarily for purposes of information. An example from the latter group is the new chapter on Automated Methods of Analysis, which at this stage recognizes the place of automated methods in modern analytical techniques but stops short of specifying official procedures. The USP XIX General Notices do, however, allow for use of automated procedures employing the same basic chemistry as the official methods given in the monographs, provided the results obtained thereby are of equivalent accuracy.

Significant Changes in Monographs

Among the significant improvements in the USP tests and standards is the replacement of the gravimetric assay for morphine in Opium by a more accurate ultraviolet spectrophotometric determination after isolation of purified morphine by means of column chromatography. Spectrophotometric and chromatographic methods are used extensively in USP XIX monographs, both in identity and purity tests and in assays. High-performance liquid chromatography, a recently developed technique, is employed in several monographs on corticoids and other steroids, both to measure the quantity of the active ingredient and to detect the presence of closely related impurities. Atomic absorption spectroscopy and X-ray diffraction analysis are among the techniques used for the first time in USP tests.

Advances Reflected in Revised General Chapters

The chapters on Chromatography and Spectrophotometry have been revised extensively to describe the newer analytical procedures. Also, a new section has been added to the chapter on Injections, setting forth standards and tests for particulate matter in large-volume injections intended for single-dose infusion. Attention is given the subject of Constituted Solutions, i.e., solutions prepared from sterile dry solids or liquid concentrates at the time of use by the health-care practitioner, in the chapter on Injections.

Three new General Tests chapters are included, namely, those on Hydroxypropoxy Determination, Containers—Permeation, and X-ray Diffraction. Five new general information chapters are added, including those on Automated Methods of Analysis, Legal Recognition of The United States Pharmacopeia, and Thermal Analysis, and two chapters written especially for practicing pharmacists and physicians on Controlled Substances Act Regulations and Stability Considerations in Dispensing Practice.

Ordering Information for USP XIX and Supplements

USP XIX comprises 874 pages; its printed dust jacket bears an order form on the front flap for the First Supplement and a copy of the current USP Guide To Select Drugs, both of which will be mailed at no further charge to the purchaser.

The First Supplement is in preparation, and is scheduled for publication in the first quarter of 1975, to become official simultaneously with USP XIX and NF XIV, on July 1, 1975.

The 1975 edition of the USP Guide To Select Drugs is essentially a brand-name index to the articles recognized in USP XIX, and its First Supplement.

Pursuant to the acquisition by the USP Convention, Inc., of the National Formulary immediately following publication of NF

(Concluded on Page 30)

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USP XIX *Continued*

XIV, the first NF XIV Supplement will be published from USP headquarters, and it is in preparation with a view to its becoming official simultaneously with USP XIX and NF XIV.

State pharmacy associations have been designated as sub-distributors of USP XIX. For immediate attention, USPC is encouraging that orders for USP XIX, at $25 per copy postpaid, be mailed direct to the state pharmacy association. Or, orders may be mailed to USP headquarters, or to the distributor, Mack Publishing Company, Easton, Pennsylvania 18042.

SIX NEW FEATURES

1. **Dispensing Information for the Pharmacist**
2. **New Chapter on Stability Considerations in Dispensing Practice**
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4. **Selected Drug Abuse Regulations for Quick Reference**
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6. **Cross-referenced brand name index obtainable at no extra charge to USA purchasers**

CASE OF THE STOLEN BEGONIAS

Five potted begonias—a product of W.J.'s greenhouse—were on display at one of the entrances to the Institute of Pharmacy.

Recently, while returning to the Institute from lunch, The Smiths noticed a young man carrying two begonias which appeared to be familiar. The young man, when questioned by W.J., stated he had purchased the flowers in Carrboro.

An invitation to compare the flowers with the Institute begonias brought this response, "If you like my flowers that well, you can have them." At this point, the young man placed the flowers on the ground and made his speedy departure.

Later, a check of the flower display did turn up two missing begonias.

An interesting sequel to this event is that the UNC Track Coach could use such a speedy runner. When last seen, the young man was doing 100 yards in less than 10 seconds. W.J. maintains he had no intention of frightening the young man; all he wanted to do was to put property rights into its proper perspective.

N. C. Pharmaceutical Association
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UNC PHARMACY SCHOOL NOTES

THE ANTI-DRUG INDUSTRY: A PERSPECTIVE (from page 23)

quested, for the yet unproven areas of activity in both effect on discouragement of drug misuse or possibly encouragement of additional drug use due to its existence.

What do we have as alternatives that can effectively deal with drug use as a people problem? As far as education, we have a system of schools and colleges under the Department of Public Instruction which, if the need really exists, should be able to effectively handle drug education in such a way that drug use is not encouraged. Personnel could also handle adult education extensions, in the context of its normal functioning, without fanfare or propagation of drugs as the culprit. As far as treatment, every area in the state is serviced by both public health departments and mental health departments (with referrals to state mental hospitals if necessary). Certainly, if the problem is as acute as Authority staff members would have us believe, the full potential of these agencies should be utilized rather than creating new facilities on a limited basis at various locations. As far as rehabilitation, certainly the Department of Vocational Rehabilitation maintains the resources to handle, on a state-wide basis, problems of rehabilitation as they arise. As far as regulation, the Board of Pharmacy and Board of Medical Examiners are perfectly capable and willing to handle the regulation of controlled substances among practitioners, as is their legal right and responsibility. The SBI and local law enforcement agencies retain the necessary skill and capability to deal with other drug violations. The *only* element that is really lacking in current state agencies for resolution of drug problems is the coordination of efforts and assistance in related areas.

The time is at hand to seek a resolution of the real problems which lead to supposed "drug problems." Though not scientifically proven, the case can well be made that continued exposure to and accentuation of "drug" programs is actually creating the real problem of drug misuse. As long as there is a propagation of the anti-drug industry with all its ballyhoo, we can expect drug problems. When this glamour is removed from public arena and placed in its proper perspective in society, then we can expect to see some real inroads toward rational drug use in society. It's time we look carefully at this area of spending and impact on each of us.

THE DEAN'S GUEST SPEAKER SCHEDULE

UNC School of Pharmacy Dean Seymour M. Blaug will appear as guest speaker at the following local pharmacy meetings during the next thirty days:

Charlotte—January 8
Greensboro—January 15
Morganton—January 16
Raleigh—February 4

DR. COCOLAS SPEAKS TO NURSING GROUP

Dr. George Cocolas, Professor of Medicinal Chemistry, UNC School of Pharmacy, was guest luncheon speaker at a recent meeting of the N. C. Association Homes for the Aged held in Fayetteville.

Dr. Cocolas spoke on "Drugs Used in Arthritis."

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DOINGS

OF THE AUXILIARIES

- CHAPEL HILL—Marian Chambers
- CAPE FEAR—Mrs. James R. Hickmon
- CHAPEL HILL—Marian Chambers

CAPE FEAR VALLEY

The November luncheon meeting of the Cape Fear Valley Pharmaceutical Auxiliary was held at the Highland Country Club, Fayetteville. Mrs. Sanford Price, president, discussed plans for involvement in the state project, Mental Health.

For the December meeting the Auxiliary will join the Cape Fear Valley Pharmaceutical Association for a Christmas Party to be held at the Barbecue Lodge. Special guests will be Mr. and Mrs. William H. Wilson of Raleigh. Mr. Wilson, president of the NCPhA, will install officers for the coming year. Special entertainment will be presented by the Fayetteville Chapter of the Sweet Adelines.

At the conclusion of the November business meeting and lunch, a fashion show was presented.

CHAPEL HILL

President Jackie Olsen and her husband Jim opened their beautiful new home in the country to us on Sunday, December 8, for a covered dish supper. There were 29 present, including husbands and guests, and it really was a fun affair. Everyone took a bottle of their favorite wine and there was a considerable amount of tasting done before we lit into the generous supply of delicious food. More visiting and lots of chatter after dinner, and a Pennsylvania Dutch version of "The Night Before Christmas," read by Assistant Dean Lee Werley. It was a lovely evening in a delightful setting!

We 'adopted' a mental patient through Operation Santa Claus (a project of the Orange County Mental Health Association) for the Christmas season and have sent him a robe, slippers, and shaving supplies as a holiday remembrance.

A business meeting is planned for January and we'll be busy making plans for the benefit card party scheduled for early in February.

Best wishes to all of you for pleasant days in 1975!

CHRISTMAS PARTY

The Executive Director of the North Carolina Pharmaceutical Association, W. J. Smith, and his wife, Vivian, were special guests at the annual Christmas Party of the Cape Fear Valley Pharmaceutical Society and Auxiliary, December 17th at the Barbecue Lodge, Fayetteville.

James R. Hickmon, President of the Society, and Mrs. Sanford Price, President of the Auxiliary, welcomed those present and their guests. Special recognition was paid to Senator John T. Henley and to Gary Newton, president of the American College of Apothecaries.

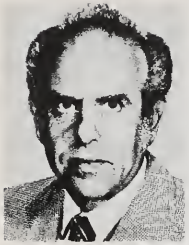
Following the dinner, the group was entertained by the Fayetteville Chapter of the Sweet Adelines. Everyone enjoyed their barber-shop style of music. In addition to contemporary and old favorites, the Sweet Adelines sang a number of Christmas songs, which put everyone in the Christmas spirit.

Mr. Smith then installed the officers of the Society for 1975: President, Leon Tomlinson; Vice-President, Ms. Ellon Martin; Secretary, Ralph Hunter; Treasurer, Hunter Smith; Directors, Eddie Malion, Mrs. Tom Thutt, and Al Pittman.

Mr. Tomlinson expressed appreciation to Mr. Hickmon, outgoing president, for his successful and productive year, and asked members for their continued support. In closing, Mr. Hickmon presented to Mr. and Mrs. Smith a lovely white poinsettia, expressing thanks to them for their devotion to Pharmacy.

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CURRENT COMMENT
by Dr. Seymour M. Blaug, Dean
School of Pharmacy, University of North Carolina

MANDATORY CONTINUING EDUCATION

It is only in the past several years that continuing education programs in pharmacy have increased in both number and quality. Most colleges, operating on limited funds and with a general lack of enthusiasm from many practitioners, made a gesture toward continuing education by offering a few one or two-day programs a year. These programs were largely supported by the registration fees obtained from a relatively small group of motivated practitioners.

Today, pharmacists seem more receptive to continuing education. In fact, many demand it. Under pressure from state legislatures and boards of pharmacy, several states have adopted a mandatory continuing education requirement as a condition for relicensure.

In the past fiscal year, the School of Pharmacy presented 44 continuing education programs to approximately 1200 registrants. These programs ranged from single two-hour offerings to programs two days in length. In addition, continuing education programs were presented by the NCPhA at the Institute.

Two of our concerns, which are likely also to be concerns at a number of other schools, are financing and staffing of continuing education programs. Continuing education programs which are only supported in part by registration fees, must be supported by school funds taken from other areas. There is also the matter of providing faculty members as speakers for the continuing education programs. Few schools are in a position to continually provide resource leaders without creating an overload problem.

There appears to be a national movement to establish a mandatory continuing education requirement as a condition for maintaining licensure. The NCPhA Continuing Education Committee recently presented the Executive Committee with a resolution which recommends that the NCPhA develop enabling legislation which will require that all North Carolina pharmacists participate in a minimum of fifteen hours of continuing education annually as a requirement for relicensure. I feel that guidelines for that education are still unclear. The profession itself must decide on good standards for not only maintaining continuing competency but for elevating it to new levels. Once these standards are set, the schools of pharmacy should work closely with state pharmacy associations to provide such programs, while the boards of pharmacy work to enforce the standards.

There are many problems facing mandatory continuing education requirements for pharmacy relicensure. What type of programs are acceptable, i.e., institutes, seminars, workshops, lectures, conferences, correspondence courses, audio tapes, etc.? If all are acceptable, how are we to evaluate the effects of the programs on the practitioner and who performs the evaluation? Should an examination be administered on completion of each program or course of study or should each practitioner take a relicensing examination every 3-5 years? Who will pay for the administrative costs involved in enforcing the standards of mandatory continuing education programs? Boards of pharmacy will have to enlarge their staffs simply to keep up with the record keeping that will be required in order to certify that a pharmacist has earned his or her fifteen hours of credit.

A more difficult problem facing continuing education concerns the accreditation of continuing education programs and also the groups and institutions which sponsor these programs. The accreditation involves questions concerning the quality and appropriateness of continuing education programs as well as the amount of continuing education credit to be assigned to them. This is complicated by the fact that a number of pharmacists are licensed in more than one state. This brings up questions of how to reconcile the differing standards and requirements in many states and how to credit a pharmacist for a continuing education program obtained from an institution in another state.

The National Association of Boards of Pharmacy has proposed the formation of an accrediting council. However, questions have been raised regarding the qualifications of the NABP to accredit institutions and programs. Perhaps the American Council on Pharmaceutical Education, which has an expertise in the field of accreditation and has the experience of working with institutions and programs, should assume the responsibility of evaluating and accrediting continuing education programs in pharmacy.

The success of mandatory continuing education programs depends on the wholehearted support of the member schools of the American Asssociation of Colleges of Pharmacy, the National Association of Boards of Pharmacy, the different state associations, and the different state boards.

SENTER ELECTED TO NCNB BOARD

Lloyd M. Senter of Carrboro has been elected to the Chapel Hill Board of Directors of the North Carolina National Bank.

A pharmacist, Mr. Senter was a guiding force behind the formation of the South Orange Rescue Squad and currently serves as squad chief.

For eighty-nine years

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Seeman

OF DURHAM

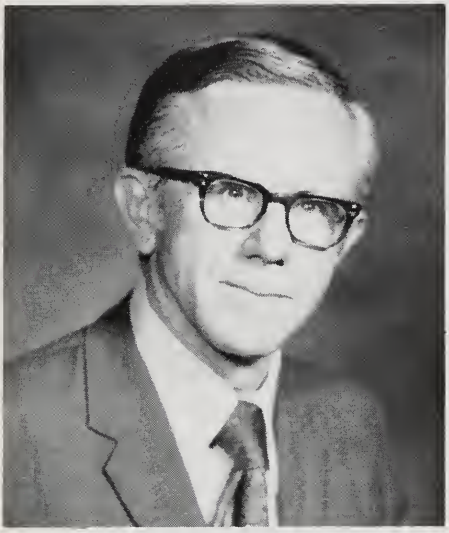
Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained.

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."



A DIVISION OF
FISHER-HARRISON CORP.

The two pharmacists, who will serve in the North Carolina General Assembly, 1975 session, are pictured above. Senator Henley has been elected Senate Majority Leader and Representative Woodard, with two previous terms in the house, is expected to head a number of important committee posts.



JOHN T. HENLEY
Hope Mills



BARNEY PAUL WOODARD
Princeton

1975 NORTH CAROLINA GENERAL ASSEMBLY—1975 SESSION

(D-Democrat) (R-Republican)

STATE SENATE

1st District

Beaufort, Bertie, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Northampton, Pasquotank, Perquimans, Tyrell, Washington

Melvin R. Daniels, Jr. (D), Pasquotank, 1618 Rochelle Dr., Elizabeth City

J. J. (Monk) Harrington (D), Bertie, Lewiston

2nd District

Carteret, Craven, Pamlico

D. Livingston Stallings (D), Craven, 1706 River Dr., New Bern

3rd District

Onslow

W. D. (Billy) Mills (D), Onslow, Rt. 1, Box 107, Maysville

4th District

New Hanover, Pender

William G. Smith (D), New Hanover, Wilmington

5th District

Duplin, Jones, Lenoir

Harold W. Hardison (D), Lenoir, Box 128, Deep Run

6th District

Edgecombe, Halifax, Martin, Pitt

Julian R. Allsbrook (D), Halifax, 423 Washington St., Roanoke Rapids

Vernon E. White (D), Pitt, Box 41, Winterville

7th District

Franklin, Nash, Vance, Warren, Wilson

Dallas Alford (D), Nash, 100 Wildwood Ave., Rocky Mount
J. Russell Kirby (D), Wilson, 1711 Brentwood Cir., Wilson

8th District

Greene, Wayne

Thomas E. Strickland (D), Wayne, Rt. 2, Goldsboro

9th District

Johnston, Sampson

Edward Renfrow (D), Johnston, Rt. 4, Box 731, Smithfield

10th District

Cumberland

John T. Henley (D), Cumberland, 216 Lake Shore Dr., Hope Mills
Glenn R. Jernigan (D), Cumberland, 2414 Rollinghill Road, Fayetteville

11th District

Bladen, Brunswick, Columbus

Edd Nye (D), Bladen, P. O. Box 8, Elizabethtown

12th District

Hoke, Robeson

Luther J. Britt, Jr. (D), Robeson, P. O. Box 1015, Lumberton

13th District

Durham, Granville, Person

Kenneth C. Royall, Jr. (D), Durham, 64 Beverly Dr., Durham
Willis P. Whichard (D), Durham, 5608 Woodberry Road, Durham

14th District

Harnett, Lee, Wake

Bobby (Bob) L. Barker (D), Wake, Rt. 6, Box 224A, Raleigh
William W. Staton (D), Lee, 636 Palmer Dr., Sanford
John W. Winters (D), Wake, Rt. 10, Box 102, Raleigh

15th District

Alleghany, Ashe, Caswell, Rockingham, Stokes, Surry

George W. Marion, Jr., (D), Surry, Forest Oaks Dr., Dobson
Wesley D. Webster (D), Rockingham, Rt. 4, Madison

16th District

Chatham, Moore, Orange, Randolph

Charles E. Vickery (D), Orange, 515 Morgan Creek Rd., Chapel Hill
Russell Walker (D), Randolph, 1004 Westmont Dr., Asheboro

17th District

Anson, Montgomery, Richmond, Scotland, Stanly, Union

Mary Horne Odom (D), Scotland, Box 7, Wagram
James B. Garrison (D), Stanly, 819 N. Sixth St., Albemarle

18th District

Alamance

Ralph H. Scott (D), Alamance, Rt. 1, Haw River

19th District

Guilford

Katherine H. Sebo (D), Guilford, 907 McGee St., Greensboro
Lynwood Smith (D), Guilford, 1031 Rockford Road, High Point
McNeill Smith (D), Guilford, 2501 W. Market St., Greensboro

20th District

Forsyth

E. Lawrence Davis (D), Forsyth, 321 Banbury Rd., Winston-Salem
Carl D. Totherow (D), Forsyth, 713 Longbow Road, Winston-Salem

21st District

Davidson, Davie, Rowan

Jack Childers (D), Davidson, 1 Childers Court, Lexington
Tom Suddarth (D), Davidson, 408 Country Club Dr., Lexington

22nd District

Cabarrus, Mecklenburg

Fred D. Alexander (D), Mecklenburg, 2140 Senior Drive, Charlotte
Cy N. Bahakel (D), Mecklenburg, 12201 Providence Road, Matthews
Jim McDuffie (D), Mecklenburg, 1800 Eastway Drive, Charlotte
Herman A. Moore (D), Mecklenburg, 5688-W Grand Canal Way, Charlotte

23rd District

Alexander, Catawba, Iredell, Yadkin

Bobby Lee Combs (D), Catawba, P. O. Box 1003, Hickory
Pleas (Red) Lackey (D), Alexander, P. O. Box 166, Hiddenite

24th District

Avery, Burke, Caldwell, Mitchell, Watauga, Wilkes

Donald R. Kincaid (R), Caldwell, P. O. Box 988, Lenoir
Wade Walsh (D), Caldwell, 811 Wilderberry, Lenoir

25th District

Cleveland, Gaston, Lincoln, Rutherford

Ollie Harris (D), Cleveland, 921 Sharon Dr., Kings Mountain
W. K. (Bill) Mauney, Jr. (D), Cleveland, 200 E. Gold St., Kings Mountain
Marshall A. Rauch (D), Gaston, 1121 Scotch Dr., Gastonia

26th District

Buncombe, Madison, McDowell, Yancey

I. C. Crawford (D), Buncombe, 10 Hampshire Circle, Asheville
Lamar Gudger (D), Buncombe, 189 Kimberly Ave., Asheville

27th District

Cherokee, Clay, Graham, Haywood, Jackson, Macon, Polk, Swain, Transylvania

Cecil Hill (D), Transylvania, Brevard
Joe H. Palmer (D), Haywood, Rt. 3, Clyde

1975 NORTH CAROLINA GENERAL ASSEMBLY—1975 SESSION

(D-Democrat) (R-Republican)

STATE HOUSE OF REPRESENTATIVES

1st District

Camden, Chowan, Currituck, Dare, Pasquotank, Perquimans, Tyrrell, Washington

Vernon G. James (D), Pasquotank, Rt. 1, Elizabeth City
W. Stanford White (D), Dare, Manns Harbor

2nd District

Beaufort, Hyde

Howard B. Chapin (D), Beaufort, Rt. 5, Box 419, Washington

3rd District

Craven, Jones, Lenoir, Pamlico

Chris S. Barker, Jr. (D), Craven, 3911 Trent Pines Dr., New Bern

Joe L. Bright (D), Craven, RFD #2, Vanceboro
Daniel T. Lilley (D), Lenoir, 1805 Sedgefield Dr., Kinston

4th District

Carteret, Onslow

Mrs. Wilda Hurst (D), Onslow, Box 390, Hubert
Ronald E. Mason (D), Carteret, Beaufort
Hugh C. Sandlin (D), Onslow, Rt. 3, Box 333, Jacksonville

5th District

Bertie, Gates, Hertford, Northampton

Roberts H. Jernigan, Jr. (D), Hertford, 401 N. Curtis St., Ahoskie
J. Guy Revelle, Sr. (D), Northampton, Conway

6th District

Halifax, Martin

George P. Cullipher (D), Martin, 102 Christina Avenue, Williamston
Kitchin Josey (D), Halifax, Scotland Neck

7th District

Edgecombe, Nash, Wilson

Allen C. Barbee (D), Nash, Spring Hope
A. Hartwell Campbell (D), Wilson, 1709 Wilshire Blvd., Wilson
John Ed. Davenport (D), Nash, Nashville
Larry P. Eagles (D), Nash, 806 St. Patrick St., Tarboro

8th District

Greene, Pitt

Sam D. Bundy (D), Pitt, 110 Grimmersburg St., Farmville
H. Horton Rountree (D), Pitt, 1209 Drexel Lane, Greenville

9th District

Wayne

Henson P. Barnes (D), Wayne, 707 Park Ave., Goldsboro
Mrs. John B. Chase (D), Wayne, P. O. Box 226, Eureka

10th District

Duplin

T. J. (Tommy) Baker (D), Duplin, 306 E. Cliff St., Wallace

11th District

Brunswick, Pender

Allen C. Ward (D), Brunswick, Rt. 1, Shallotte

12th District

New Hanover

S. Thomas (Tommy) Rhodes (R), New Hanover, 2551 Confederate Dr., Wilmington
B. D. (Bennie) Schwartz (D), New Hanover, 205 Forest Hills Dr., Wilmington

13th District

Caswell, Granville, Person, Vance, Warren

T. W. (Tom) Ellis, Jr. (D), Vance, 70 Forrest Road, Henderson
Bobby W. Rogers (D), Vance, 661 Lakeview Drive, Henderson
William T. Watkins (D), Granville, 213 W. Thorndale Drive, Oxford

14th District

Franklin, Johnston

J. M. (Jack) Gardner (D), Johnston, 825 Vermont Street, Smithfield
Barney Paul Woodard (D), Johnston, P. O. Box 5, Princeton

15th District

Wake

Allen (Al) Adams (D), Wake, 1618 Ambleside Dr., Raleigh

Ruth E. Cook (D), Wake, 3413 Churchill Road, Raleigh
William A. (Bill) Creech (D), Wake, 1208 College Place, Raleigh
Robert L. (Bob) Farmer (D), Wake, 107 Kipling Place, Raleigh
Joseph E. (Joe) Johnson (D), Wake, 4301 Yadkin Drive, Raleigh
Wade Smith (D), Wake, 2613 Wilson Lane, Raleigh

16th District

Durham

Mrs. Dillard (Pat) Griffin (D), Durham, 1829 Front St., Apt. F-2, Durham
H. M. Michaux, Jr. (D), Durham, 1722 Alfred St., Durham
George M. Miller, Jr. (D), Durham, 3862 Somerset Dr., Durham

17th District

Chatham, Orange

Edward S. Holmes (D), Chatham, Pittsboro
Patricia (Trish) Stanford Hunt (D), Orange, 1079 Burning Tree Dr., Chapel Hill

18th District

Harnett, Lee

Carson Gregory (D), Harnett, Rt. 2, Angier
Jimmy L. Love (D), Lee, P. O. Box 309, Sanford

19th District

Bladen, Columbus, Sampson

James C. (Jimmy) Green (D), Bladen, Box 185, Clarkton
R. G. Soles, Jr. (D), Columbus, Box 275, Tabor City
Richard Wright (D), Columbus, Rt. 1, Tabor City

20th District

Cumberland

R. D. (Don) Beard (D), Cumberland, 2918 Skye Dr., Fayetteville
George W. Breece (D), Cumberland, P. O. Box 135, Fayetteville
Charles Holt (D), Cumberland, 150 Ellerslie Dr., Fayetteville
Hector (Heck) Ray (D), Cumberland, 306 Dunbar Drive, Fayetteville
Lura Tally (D), Cumberland, 3100 Tallywood Dr., Fayetteville

21st District

Hoke, Robeson, Scotland

Joy J. Johnson (D), Robeson, P. O. Box 455, Fairmont
Henry Ward Oxendine (D), Robeson, P. O. Box 996, Pembroke
David R. Parnell (D), Robeson, Parkton

22nd District

Alamance, Rockingham

David M. Blackwell (D), Rockingham, 1206 Maiden Lane, Reidsville
John M. Jordon (D), Alamance, Saxapahaw
W. S. (Sandy) Harris, Jr., (D), Alamance, Hanford Road, Graham
James E. (Jim) Long (D), Alamance, P. O. Box 690, Burlington

23rd District

Guilford

Henry E. Frye (D), Guilford, 1920 Drexmore Ave., Greensboro
Thomas (Tom) O. Gilmore (D), Guilford, Ramblewood Dr., Greensboro
Leo Heer (D), Guilford, 718 W. Farris Ave., High Point
C. W. (Charlie) Phillips (D), Guilford, 210 S. Tremont Dr., Greensboro
Thomas B. (Tom) Sawyer (D), Guilford, 411 E. Elam Ave., Greensboro
W. M. (Mark) Short (D), Guilford, 4004 Annie Laurie St., Greensboro
Charlie Webb (D), Guilford, 302 Kensington Road, Greensboro

24th District

Randolph

Gilbert R. Davis (D), Randolph, Rt. 1, Randleman
J. T. (Jack) Pugh (D), Randolph, 1413 Westmont Dr., Asheboro

25th District

Moore

T. Clyde Auman (D), Moore, Rt. 1, West End

26th District

Anson, Montgomery

Foyle Hightower, Jr. (D), Anson, 715 E. Wade Street, Wadesboro

27th District

Richmond

Thomas B. Hunter (D), Richmond, 618 Fayetteville Road, Rockingham

28th District

Alleghany, Ashe, Stokes, Surry, Watauga

P. C. Collins, Jr. (D), Alleghany, Rt. 1, Box 96, Laurel Springs
David H. Diamont (D), Surry, P. O. Box 161, Pilot Mountain
J. Worth Gentry (D), Stokes, King

29th District

Forsyth

Judson D. DeRamus, Jr. (D), Forsyth, 792 Arbor Road, Winston-Salem
Richard C. Erwin (D), Forsyth, 628 W. 24½ St., Winston-Salem
Fred S. Hutchins, Jr. (R), Forsyth, 200 Sherwood Forest Rd., Winston-Salem
Ned R. Smith (D), Forsyth, 773 N. Stratford, Winston-Salem
Margaret Tennille (D), Forsyth, 2307 Greenwich, Winston-Salem

30th District

Davidson, Davie

Peter W. Hairston (D), Davie, Rt. 2, Advance
Larry E. Leonard (D), Davidson, 708 Diana Road, Thomasville
John Varner (D), Davidson, 116 Ridgewood Dr., Lexington

31st District

Rowan

Robie L. Nash (D), Rowan, 232 Richmond Road, Salisbury
A. Neal Smith (D), Rowan, Hart Road, Rt. 1, Woodleaf

32nd District

Stanly

Richard Lane Brown, III (D), Stanly, Rt. 2, Randall's Ferry Rd., Norwood

33rd District

Cabarrus, Union

Aaron W. Plyler (D), Union, Rt. 7, Box 63, Monroe
Dwight W. Quinn (D), Cabarrus, 213 S. Main St., Kannapolis
A. W. (Art) Thomas (D), Cabarrus, 160 Glendale Ave., SE, Concord

34th District

Caldwell, Wilkes, Yadkin

James H. (Jim) Edwards (D), Caldwell, Rt. 3, Box 118, Granite Falls
George M. Holmes (R), Yadkin, Rt. 1, Box 14, Hamptonville
Ralph Prestwood (D), Caldwell, 206 Friendly Park, Lenoir

35th District

Alexander, Iredell

J. P. Huskins (D), Iredell, 220 E. Broad St., Statesville
William H. (Bill) McMillan, Iredell, 136 Rosemary Lane, Statesville

36th District

Mecklenburg

Marilyn R. Bissell (R), Mecklenburg, 2216 Providence Road, Charlotte
Laurence A. Cobb (R), Mecklenburg, 3022 Sharon Road, Charlotte
Jo Graham Foster (D), Mecklenburg, 5600 Seacroft Road, Charlotte
H. Parks Helms (D), Mecklenburg, 4901 Hadrian Way, Charlotte
Craig Lawing (D), Mecklenburg, Rt. 9, Box 195-G, Charlotte
Carolyn Mathis (R), Mecklenburg, 8045 Regent Park Lane, Charlotte
Roy Spoon (R), Mecklenburg, 7028 Folger Drive, Charlotte
Ben Tison (D), Mecklenburg, 2119 Hopedale Ave., Charlotte

37th District

Catawba

T. Cass Ballenger (R), Catawba, 867-20th Ave., Dr., Hickory
Frances E. Setzer (D), Catawba, 805 S. Main Avenue, Newton

38th District

Gaston, Lincoln

E. Graham Bell (D), Gaston, 1812 Kendrick Road, Gastonia
David W. Bumgardner, Jr. (D), Gaston, 209 Peachtree St., Belmont
John R. Gamble, Jr. (D), Lincoln, P. O. Box 250, Lincolnton
Carl J. Stewart, Jr. (D), Gaston, 1855 Westbrook Circle, Gastonia

39th District

Avery, Burke, Mitchell

W. H. (Bill) Lachot, Jr. (D), Burke, 9 Woodside Place, Morganton
Myrtle E. (Lula Belle) Wiseman (D), Avery, Rt. 2, Box 416, Spruce Pine

40th District

Cleveland, Polk, Rutherford

Robert Z. (Bob) Falls (D), Cleveland, 1308 Wesson Road, Shelby
John J. (Jack) Hunt (D), Cleveland, P. O. Box 97, Lattimore
Robert A. (Bob) Jones (D), Rutherford, 122 Woodland Ave., Forest City

41st District

McDowell, Yancey

Glenn A. Morris (D), McDowell, 808 Fleming Ave., Marion

42nd District

Henderson

Fred R. Dorsey (R), Henderson, Box 273, East Flat Rock

43rd District

Buncombe, Transylvania

Claude DeBruhl (D), Buncombe, Rt. 1, Box 480, Candler
Herbert L. Hyde (D), Buncombe, 93 East View Circle, Asheville
Mary C. Nesbitt (D), Buncombe, 471 Farview Road, Asheville
John S. Stevens (D), Buncombe, 8 Pine Tree Road, Asheville

44th District

Haywood, Jackson, Madison, Swain

Ernest B. Messer (D), Haywood, 15 Forest View Circle, Canton
Liston B. Ramsey (D), Madison, Walnut Creek Road, Marshall

45th District

Cherokee, Clay, Graham, Macon

Jeff H. Enloe, Jr. (D), Macon, Route 1, Franklin

NORTH CAROLINA CONGRESSIONAL DELEGATION

United States Senators

Senator Jesse Helms (R), Senate Office Building, Washington, D. C. 20510
Senator Robert Morgan (D), Senate Office Building, Washington, D. C. 20510

N. C. Executive Branch

Governor James E. Holshouser, Jr. (R) (Boone)
Lt. Governor James B. Hunt, Jr. (D) (Wilson)

United States Representatives

(Address: House Office Building, Washington, D. C. 20515)

District

1 Hon. Walter B. Jones (D) (Farmville)
2 Hon. L. H. Fountain (D) (Tarboro)
3 Hon. David N. Henderson (D) (Wallace)
4 Hon. Ike F. Andrews (D) (Siler City)
5 Hon. Stephen L. Neal (D) (Winston-Salem)
6 Hon. Richardson Preyer (D) (Greensboro)
7 Hon. Charles Rose (D) (Fayetteville)
8 Hon. W. G. Hefner (D) (Kannapolis)
9 Hon. James G. Martin (R) (Davidson)
10 Hon. James T. Royall (R), (Lenoir)
11 Hon. Roy A. Taylor (D) (Black Mountain)



Section 7 of the Pharmacy Medicaid Participation Agreement states:
"Not to display any sign or device, or advertise, or in any manner state or imply that this provider has been approved by the N. C. Department of Social Services, or participates in the Medicaid Program"
For violation of Section 7 (see above), Rite Aid Pharmacy #772 of Greensboro has been suspended (agreement cancelled) from participating in the Medicaid Rx Program.

ASHP MIDYEAR CLINICAL MEETING

Sunny skies and temperatures in the seventies greeted the fifty plus pharmacists from North Carolina who attended the Ninth Midyear Clinical Meeting sponsored by the American Society of Hospital Pharmacists, in Bal Harbour, Florida on December 7-11, 1974. Program participants from those attending from North Carolina included: President-elect Fred Eckel in various official capacities, Candace Bryan participated in a Clinical Pharmacy Education Forum, and Steve Moore presented a paper entitled, "Psychosocial Principles as a Precursor to Clinician Communication."

Members attending from the tour sponsored by the N. C. Pharmaceutical Association included: Ms. Evelyn Williford from Raleigh, Mr. and Mrs. William Farrior from Gastonia, Mr. and Mrs. Mitro Keetsock from Durham, Mr. and Mrs. Roy Salter from Burlington, Ms. Joanne Seibert from Greensboro, Mr. John Myhre from Garner, Mr. Dave Schultz from Durham, and Mr. Steve Moore from Chapel Hill.

MARRIAGES

Miss Nancy Kathryn Fries, pharmacist at Pike's Drug Store, Concord, and William Carson Stiles, Jr. were married November 30 in St. James Lutheran Church of Concord. Mr. Stiles is on the management staff at Eckerd's, Charlotte. The Stiles will make their home at 2837 South Ridge Avenue, Concord.

Miss Sallie Jean Jenkins of Greenville was married November 24 to *Richard Graham Person* in the St. James United Methodist Church of Greenville. Mr. Person, graduate of the UNC School of Pharmacy, is a research and development scientist for Burroughs-Wellcome Corporation.

BIRTHS

Mr. and Mrs. Larry Grayson Hill of Trinity announce the birth of a daughter, Brittany Paige, on November 22. Pharmacist Hill is associated with Eckerds Southgate, High Point.

Earl and Carol Norris of Boone announce the birth of a daughter, Heather Elizabeth, on December 17. The mother, a pharmacist, is associated with Boone Drug Company, Inc.

DEATHS

W. H. Burford

William Howard Burford, Sr., Gastonia Pharmacist, born February 25, 1914, died August 30, 1974.

Mr. Burford was a graduate of the University of Cincinnati and reciprocated his pharmacist license from West Virginia to North Carolina in 1963 where he was associated with Kennedy's Drug Store, Gastonia.

Mrs. Nelle Williams Curtis

Mrs. Nelle Williams Curtis, 68, Bessemer City, died recently in a Gastonia hospital after an extended illness.

She is survived by her husband, Pharmacist J. Richard Curtis of Bessemer City; two sons, Dr. John Curtis of Athens, Georgia, and Donald Curtis of Laurinburg; four sisters and a brother; and four grandchildren.

Murray E. Rodgers, Jr.

Murray Edwin Rodgers, Jr., Beaufort pharmacist, died December 8.

A graduate of the School of Pharmacy of the University of South Carolina (1942), Mr. Rodgers was the manager of Beaufort Liggett Rexall Drug Company, Beaufort, North Carolina.

Frank Lunn

Frank H. Lunn, 82, Winston-Salem pharmacist, died December 17.

A graduate of the UNC School of Pharmacy, Class of 1913, Mr. Lunn at the time of his death was associated with Revco and Goodys.

W. P. Phillips

William Penn Phillips, 74, Morganton pharmacist, died December 2 after an illness of four days.

A native of Carteret County and a graduate of the UNC School of Pharmacy, Mr. Phillips was owner and operator of Phillip's Drug Company in Morganton for 35 years.

I. C. System, Inc.

The nation's most highly specialized collection service

Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 700 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

MINUTES OF THE NCPhA COMMITTEE ON CONTINUING EDUCATION and UNC SCHOOL OF PHARMACY COMMITTEE ON CONTINUING EDUCATION

The meeting was called to order by Mr. C. U. Paoloni, Chairman, at 2 p.m., October 6, 1974. The following NCPhA members were present:

Claude Paoloni, Chairman, Chapel Hill
Virginia L. Shigley, Asheville
Michael W. Craven, Kinston
William "Pat" Frye, Charlotte
Stephen G. Honaker, Sr., Winston-Salem
F. Alex McCrackin, Wilmington
Richard G. Ripley, Elkin
Stuart W. Rollins, Pfafftown
Gerald M. Stahl, Durham
R. Nathan (Skip) Sykes, Jr., Wilson
Olin H. Welsh, Cary
William J. Smith, Chapel Hill (ex-officio)

Absent:

Richard B. Stephens, Garner

UNC School of Pharmacy participants:

Claude U. Paoloni
Fred Eckel
Leonard Berlow
James Baker

Guest:

Mr. Henry Shigley, Asheville

Mr. Paoloni reviewed Continuing Education presentations for FY '74 and '75 to the present date. In summary, he pointed out the following for FY '74:

—44 courses offered throughout the State utilizing 148 instructional hours.

—38% of these offerings were held in Chapel Hill.

—1500 registrations represented approximately 500 registrants (individual repeaters). This represented only 15% of this State's pharmacists.

—Audio-tape service filled approximately 800 orders. Consideration is being given to the development of instructional packets which would combine tape with text. In addition, self-instructional materials may be worthy of further consideration.

Mr. Paoloni reported that the combined 8th Annual Carolina Hospital Pharmacy Seminar and the First Annual Carolina Clinical Pharmacy Seminar, was successful with 116 attendees. Further reports were given on the upcoming programs: '74 Homecoming and the 5 week program "Pharmacy Seminar on Selected Subjects" to be held at the Martin General Hospital, Williamston in conjunction with the Northeastern Pharmaceutical Society.

Concern was shown regarding the results of the "Practical" part of the recent State Boards. This concern revolved around the fact that rumors indicated an unusually high failure rate. It was suggested that the pass-fail figures be released in order to get the situation out of its rumor stage. In addition there was discussion regarding the content of board examinations. Although no formal move was made, there was some interest by C.E. Committee members to take the examination as a means of determining its practicality.

Mr. Paoloni reviewed topics that certain faculty members were prepared to present as C.E. possibilities.

The question of mandatory continuing education for relicensure was introduced by Mr. Paoloni. He read the resolution presented at the past NCPhA Annual Meeting.

Lengthy discussion followed regarding the merits of mandatory continuing education in those 11 states in which this is the case. This discussion pointed out that continuing education per se may be of some value depending on the individual's personal interest and desire to "get something out of it." However, there is no present satisfactory method of evaluating increased competency as a result of attendance. Pharmacist examinations as a means of measuring competency was discussed without any resolution.

The group then voted 12 for, 1 against, and 1 abstention to present the following revised resolution to the NCPhA Executive Committee for further Association action at its 1975 annual meeting.

"Resolved that the North Carolina Pharmaceutical Association develop enabling legislation which will require that all North Carolina pharmacists participate in a minimum of fifteen (15) hours of continuing education annually as a requirement for relicensure. Such education should be in the form of post-graduate studies, institutes, seminars, lectures, conferences, workshops, extension studies, tape services, correspondence courses and other similar methods of continuing professional pharmaceutical education."

There was further discussion related to the question of mandatory continuing education. Areas of concern included the roles of the School, NCPhA, Board and other interested parties. Mr. W. J. Smith reminded the committee that the implementation of mandatory C.E. would have a considerable influence on costs for the administration of such an undertaking. Mr. Smith also reported that Mr. McAllister of the State Board of Pharmacy had proposed that North Carolina pharmacists be allowed to take the "Practical" part of the state boards on a periodic basis in lieu of mandatory C.E. participation in states where they are also registered.

Mr. Paoloni called for topics which might be of interest for participants of the "9th Annual Seminar on Socio-Economic Aspects of Pharmacy Practice." The following topics were suggested:

Medicare-Medicaid as it affects the pharmacist
The Dichter Report
Third Party payments-systems—differences in plans
Unionization of pharmacists and employees
Inventory control
Patient medication records
PSRO—pharmacy evaluation
Peer review
Safety closure containers

There being no further business, the meeting was adjourned at 4:10 P.M., with the thanks of the Chairman for the excellent participation of all attendees.

Leonard Berlow
Assistant Professor
Recorder

Claude U. Paoloni
Assistant Professor
Chairman

Re: MANDATORY CONTINUING EDUCATION

The resolution listed above will be on the program agenda of the 1975 Annual meeting of the NCPhA & Affiliated Auxiliaries, Winston-Salem, N. C., Tuesday PM, April 15.

In the meantime, your viewpoint, pro or con, is solicited. Mail to NCPhA. For additional information, refer to page 36—Dean Blaug's Current Comment.

THINK



AND

OWENS, MINOR & BODEKER, INC.

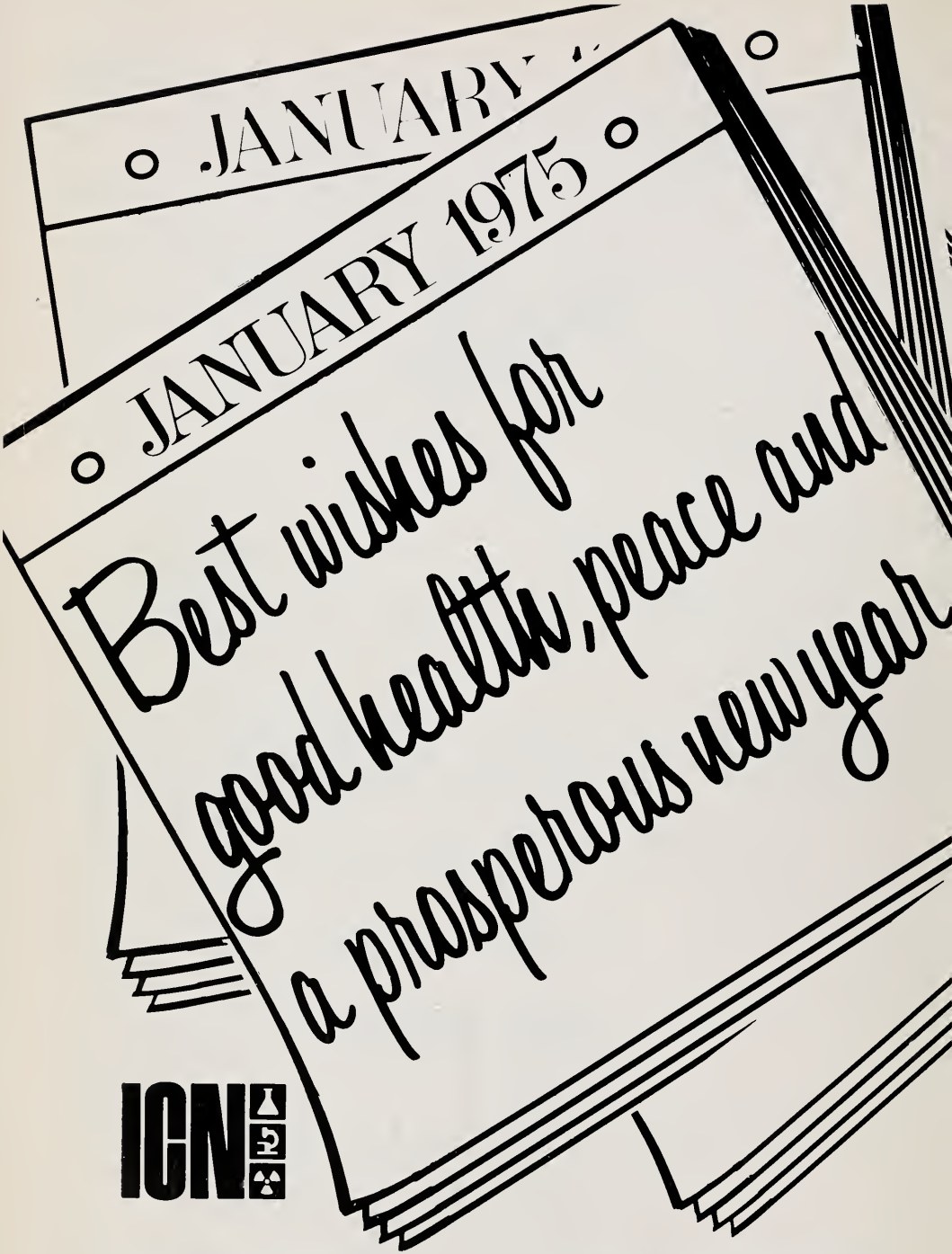
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he Carolina **JOURNAL OF PHARMACY**

Volume LV **February 1975** **Number 2**

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FEB 14 1975

SCHOOL OF PHARMACY



The 1975 Session of the North Carolina General Assembly is underway in Raleigh. The two pharmacists members of the Assembly, Senator John T. Henley (left) and Representative Barney Paul Woodard, are pictured with the Editor of The Lilly Digest, William J. Turenne (center).

Senator Henley is beginning his 8th term as a member of the General Assembly. This year he is President Pro Tem of the Senate and Chairman of the Rules Committee.

Representative Woodard, with priar service in the Assembly, is expected to be named to a number of the House committees.

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Ascorbic Acid (Vitamin C)	150	mg.
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Vitamin A Synthetic (10,000 units)	3	mg.
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Iodine (as Potassium Iodide)	0.15	mg.
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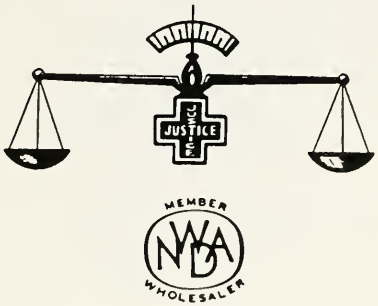
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The Carolina JOURNAL OF PHARMACY

February, 1975

Vol. LV No. 2

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SPECIAL WEEKS AND MONTHS

FEBRUARY:
Heart Month
National Children's Dental Health Week (2-8)

MARCH:
Red Cross Month
National Poison Prevention Week (16-22)

APRIL:
Cancer Control Month
National Baby Week (27-3)

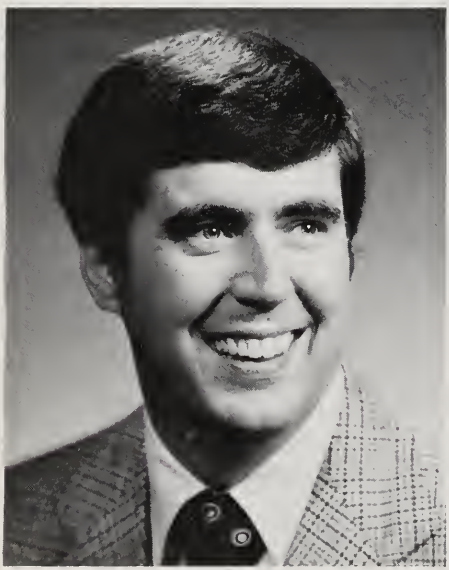
MAY:
National Foot Week (4-10)
National Hospital Week (11-17)

JUNE:
Dairy Month
National Ragweed Control Month

UPJOHN ASSIGNS WEEKS TO GOLDSBORO TERRITORY

Edgar D. Weeks, a graduate of the School of Pharmacy, University of South Carolina, has been assigned to the Goldsboro territory of the Upjohn Company.

Mr. Weeks recently completed several weeks of training at The Upjohn Company Training Center in Kalamazoo, Michigan.



Edgar D. Weeks

WILSON ELECTED

W. H. Wilson, President of the North Carolina Pharmaceutical Association, has been elected vice-president of the Raleigh Merchants Association.

STATE'S OLDEST PHARMACY CLOSED

The state's oldest pharmacy with same family ownership—Horne's Drug Store of Fayetteville—was closed on January 1.

The pharmacy was founded prior to 1860 by S. R. Horne, who closed the business while he served in the Civil War. He reopened the pharmacy in 1865 and its operation has been continuous since then.

S. Ruffin Horne and his brother, Warren, operated the pharmacy for a number of years until H. Ruffin Horne, the most recent owner, assumed management of the pharmacy in 1947.

The pharmacy's prescription files have been transferred to MacKethan & Company and Mr. Horne will be associated with Highsmith-Rainey Memorial Hospital.

3 STEPS TO RECESSION SURVIVAL

1—Sharpen your selling effort. Turn your order takers into salesmen. Use old fashion prospecting.

2—Cut every frill and expense that does not impair operating efficiency. Make your employees cost conscious about little things, as well as big ones.

3—Reduce your income tax to retain more of your profit. This step is easy; use the Association's SMALL BUSINESS TAX CONTROL service at just $3.00 per month. Order now and start saving tax dollars in a few days.

CORRECTION

The United States Representative from the 10th North Carolina District is the Hon. James T. Broyhill of Lenoir, not James T. Royall as listed on page 45 of the January *Journal.*

A Brief Look at
REVCO'S INVENTORY CONTROL SYSTEM

By Donald J. Deaton, Regional Vice President
Revco Drug Stores, Inc.

I'm sure this is the portion of the program you've been waiting for, not because I work for a chain, but because I'm the last presentation.

Inventory control should be one of your foremost thoughts in today's economy. With having to pay anywhere from 10 to 13 percent interest on your money, any excess merchandise is costing you dearly. For example, if you have $5,000 worth of excess inventory, you're paying about $500 a year for it to set on your shelf. Now, that does hurt your pocketbook.

But you can't leave here today in a state of panic, quit buying, or return to your wholesaler every item that isn't moving. What you must do is come up with a system to keep your inventory balanced with your sales. You do not want to lose sales due to being out of stock, so you have to make your inventory balance with your sales.

As the previous speakers have said, you must have a system. As Mr. Fife and Mr. Ahern made their presentations, I'm sure you realized that both have good systems to offer any independent pharmacist, and all you have to do is ask them.

I'm certain, though, that each one of you can return to your store tomorrow and in a proper way reduce your inventory at least $2,000 just overnight. No doubt you have in your store out-of-date merchandise, unopened dead items, and excess backup of slow or dead movers.

I'd like to go into some differences between independent and chain operations. By the way, I have worked for an independent, I have owned a portion of 17 stores, and now that I'm with a chain, I feel that I've worked in all three phases of retail pharmacy. What is the difference?

One difference is that most of the chains in this area are publicly held, which means the stockholders are on your back. A short time ago we noticed that some gross margins were dropping and it turned out that we had not reflected the price increases fast enough at the store level in relation to our purchase price. This goes back to what Mr. Dukes and Mr. Ahern said. You've got to get your price increases into effect as soon as you possibly can. This is true of both front merchandise and Rx items. I'm sure Mr. Fife and Mr. Ahern can attest that we are receiving price increases on approximately 200 items each week (that's 17,000 so far this year). That's a real figure. We're up on these items since we are computerized.

MR. DEATON'S PRESENTATION WAS PART OF THE INVENTORY CONTROL SEMINAR SPONSORED BY THE NCPhA. HE IS A GRADUATE OF THE UNC SCHOOL OF PHARMACY AND AT THE TIME OF THE PATTERSON/REVCO MERGER, WAS PART OWNER OF PATTERSON DRUG STORES. A NUMBER OF PROMOTIONS IN RECENT YEARS HAS BROUGHT HIM TO HIS PRESENT POST AS A REVCO REGIONAL VICE PRESIDENT.

There's another advantage chain pharmacies have, I feel, over independent pharmacies. We've been using a computer for ordering for 6 to 7 years. We know what items are selling; we know what items are not selling; we know what percentages of our sales each item represents.

When I say "we," I'm referring to our company, Revco, but most chains work in a similar manner. None of us work exactly the same; everybody has a different system, but everybody HAS a system. This is what you must come up with—a system.

Each of our approximately 700 drug stores in 22 states and our five warehouses are inventoried four times a year. We have professional outside crews come in and inventory: Mangini Associates of Chicago, Atlas out of Indiana; Washington Inventory Services of D.C. This inventory service gives us a tool. We know every 90 days when a gross margin starts to fall in a store. We know that if this gross margin falls in front merchandise, it's probably

(Continued on Page 7)

It even looks like a long-acting nasal spray.

Now from Geigy...

Otrivin®
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Long on action, short on doses.



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REVCO'S INVENTORY CONTROL SYSTEM

due to an increase in shoplifting. So we try to find out what's happening.

In a town not far from here the gross margin fell and we started watching. In the meantime, a girl who had come to work for us part-time, asked the manager, "Did you know that you are known around the high school as being the easiest store in town to shoplift from—and they do it on Sunday afternoons." So, we hired an off-duty policeman and caught 13 girls the first Sunday and 8 the second Sunday. Word got around the high school and in the next inventory, gross margin had gone up in that store by 2%. This is what frequent inventories can do for you. If you have annual inventories, which many of you probably do, it's a year before you find out some of these things. There is a major advantage in having four inventories a year—or even 3 or 2.

Most chains have a system of close supervision. In my area of Virginia, North and South Carolina, I have two district managers, each of whom has six supervisors. All 15 of us are pharmacists. Therefore, when we walk into a store, we can evaluate what's happening in the pharmacy, and we've been taught what's happening in the front.

Each supervisor has approximately fifteen pharmacies to oversee, and he spends a full day in each store, about once every 15 or 16 days. About every three months he reminds the store to return their out-dated merchandise; he checks shelves for overstocking (which I'll go into later); he checks their computer readouts on their ordering; if they are having an inventory problem he checks to see if they are decreasing it. He knows if they are receiving shipments of $7,000 and sales for the week of $5,000, then the inventory has increased by $2,000, and steps should be taken to decrease it. He talks to the manager and/or pharmacists doing the ordering.

So, we are on top of the amount of dollars purchased each week both in the Rx department and in the front of the store. In other words, if we have too much inventory in front, we watch sales and also make sure we aren't ordering too much.

Our clerks have responsibility for specific sections of the store. We feel that if they order for the same sections week after week, we'll have a better ordering system. The supervisor also checks on security measures, which have a big effect on inventory control.

But independent pharmacies do not have supervisors coming in to remind them to do the above things. So you have to organize your own system of control, and remind yourself to make regular returns and take care of other procedures. Therefore, you have many more pressures on you to keep the inventory in control, since you have no one walking behind you with a stick, unless it is your banker.

Now to get some ideas on inventory control. First of all, I'll talk briefly about front merchandise inventory. It used to be a saying that your inventory should be $15 per square foot or 6 times your weekly sales, whichever is greater. Now with the inflation factor, the figure in the last six months has gone from 10% to 13% of your sales, so this figure I'm quoting now is probably not a good figure to base your inventory on. However, it was a figure several chains have used in the past.

So, if you are doing the business you were doing last year, you are actually losing business, because your inflation factor has got to be at least 12%. If you've got a 20% increase over last year, you've probably actually got 8%.

Another way to keep your front inventory in line is to stock your shelves from the stockroom BEFORE you order. You may think this is happening when you tell your clerks each day to stock shelves from the stockroom.

I had a store not too far from here which, after one of our quarterly inventories, showed they had $20,000 (retail) in their stockroom. We went into the store to see what was wrong. We checked the date on the merchandise on the shelf and found it to be more recent than that in the stockroom. So, we explain to everyone that they

(Continued on Page 8)

REVCO'S INVENTORY CONTROL SYSTEM

must stock their shelves from the stockroom first; why order Maalox if it is in the back room? Anyway, the last inventory on that stockroom was $3,000. That was $17,000 that this one store cut its inventory in the stockroom.

To me a stockroom is the worse thing a store can have; all you really need is an unloading platform.

Also, you can cut inventory, if you are in a bind, by limiting sizes. We know by test stores, computer readouts, etc. that 80% of your sales of Anacin, for example, is made up of three sizes—50's, 100's, and 200's. Now why stock 30's, 24's, 300's, 12's or whatever if 80% of your customers are buying 3 sizes? I'm sure you won't have much problem explaining to the little old lady who comes in and says the bottle of 30's fits into her medicine cabinet, that the bottle of 50 is not much larger, and she is saving money by buying 50s, paying less per tablet. So, your sales stay up, you cut your inventory by not carrying as many sizes, and you still satisfy at least 80% of your customers, and probably more. Your wholesaler can supply information on every item you carry as to what sizes are moving. I'm sure they will be glad to furnish this information to you.

As I mentioned before, it's very good to have the same clerk order the same merchandise for the same sections. You'll get a better order. For example, hair sprays three years ago were one of the hottest health beauty aid items in the country. But with the long hair and girls washing their hair every day, they quit using hair spray and the sales went down. On the other hand, shampoos have increased. In our Chapel Hill store, we can bring in any kind of shampoo in any quantity, make an end display and it's not there 24 hours.

This trend may go in reverse since, I understand, short hair is coming back. With this type thing, if one clerk is ordering for the section, she will see that sales are dropping in hair spray and increasing in shampoo, and she should put her inventory in shampoo.

Now, for Rx inventory. It is necessary that you have a system of controlling orders. Everyone who does Rx ordering must understand your system and must want to cooperate with it.

We bought a store fairly close to here several years ago, a store which was averaging 40 Rx a day, based on a 7-day week. Last week this store filled over 150 Rx a day and the inventory had been cut $7,000 from the day we bought it to the present. That's approximately 4 times the number of Rx filled with $7,000 less inventory. That is an actual store—not a fictitious example. Also, the same pharmacist is managing the store and ordering, but he is doing it by our system.

In the July issue of *Pharmacy Times* there appeared an article which I'd like to quote from. A college student, majoring in management, was working at Skaggs Drug Center in Frankville, Missouri. He took it upon himself to cut inventory in the pharmacy, an inventory which at that time was $70,000. He reduced it to $42,055 in 9 months. I would say that boy earned his wages. He had three guidelines when he started:

(1) Inventory had to be reduced as quickly as possible. (2) Inventory had to be reduced in such a way as to minimize loss in sales. (3) The most important thing—he had to have cooperation from the pharmacists. This student was not a pharmacist and yet he was trying to tell pharmacists how to order. This can present a problem. They accepted this challenge, however, and went along with him.

One of his first objectives was to get rid of dead and overloaded items. He went to two wholesalers, one in town, and one 200 miles away, and asked, "Which of you will do the most for me? Who's going to take back the overstock? Who's going to take back the out-dated? Who's going to help me get rid of this and that? And, who's going to give me the best deal?"

He got the best service and the best help from the wholesaler 200 miles away. He had it understood among the pharmacists that they would send a weekly order to

(Continued on Page 10)

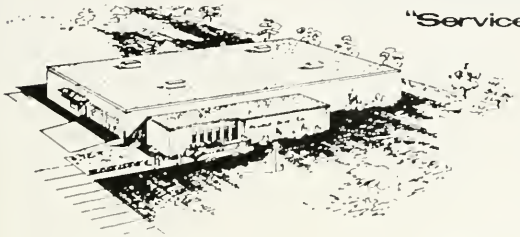
REVCO'S INVENTORY CONTROL SYSTEM

This has been a very advantageous inventory control apparatus for us. If you use the same color all the time, which we did do, you'd have to pick up every bottle to check the dating. With this system you can just glance as you order down the shelves.

This is the way we also handle our returns. All red stickers should have been sent back by now; green stickers should be getting prepared for return shipment. This is the way we have cut inventory in 100 stores from $300,000 to $90,000 in 176 stores.



Donald J. Deaton (left), Regional Vice President of Revco Drug Stores, is pictured with Gary Newton, President of the American College of Apothecaries. The two pharmacists were part of the faculty of the NCPhA-sponsored seminar on inventory control.



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TAR HEEL DIGEST

MAXTON—Austin-Gilbert Drug Company passed a landmark on December 4 when Pharmacist L. M. Gilbert dispensed Rx #500,000. The pharmacy has been in operation for 53 years.

MATTHEWS—Matthews Pharmacy has moved into a new 2,000 square foot building on West John Street. The pharmacy has operated from a small trailer following a fire which destroyed its quarters about two years ago.

LILLINGTON—William D. Powell, Powell's Pharmacy, has been named a director of the Bank of North Carolina, Lillington Branch.

RALEIGH—John Mitchel Johnson, a pharmacist associated with Hamlin Drug Company, has been appointed to the Wake County Selective Service Board.

STATESVILLE—Lyle Davis, owner of Statesville Drug Company, has announced that Lynn Waugh has purchased a share of the firm as of January 1. Both pharmacists are graduates of the UNC School of Pharmacy.

AHOSKIE—Michael Winston Adams has been named pharmacist-manager of Copeland Drug Company. Prior to moving to Ahoskie, he was employed by Big Value Drug Company, Ayden.

DENTON—Denton Drug Store has been sold by the J. Weldon Royal estate to Roger W. Efird. A 1970 graduate of the UNC School of Pharmacy, Mr. Efird has been associated with the store for four years.

WILMINGTON—Charles A. Rosin, manager of Walgreen Pharmacy, has been promoted to regional professional representative. He is a graduate of the School of Pharmacy, University of Florida (1955).

GREENVILLE—J. T. Manning, president of Big Value Discount Drugs, Inc., has announced the appointment of Ronald T. Tripp as the new general manager of the firm's Greenville and Ayden stores. Manning also announced that Luther George Williams Jr. is now serving as pharmacist-manager of the Greenville store and David Kent Allen has assumed duties as pharmacist in charge of the Ayden facility.

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WINSTON-SALEM
APRIL 13-15, 1975

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CONCERNING NUTRITION AND SUCH

Health information comes from many sources. In this instance the comments listed below were lifted from a talk by a biochemistry/nutrition specialist and circulated to members of a garden club.

This example, multiplied a thousand-fold nation-wide, accounts for some of the questions posed to you from time to time.

NUTRITION NOTES

(a) One egg per day in addition to a varied adequate diet can meet a large part of an adult's protein needs.

(b) Broccoli is the #1 choice green vegetable for vitamin A, vitamin C, and protein content. Raw cabbage is up there too for its vitamin C.

(c) Much store-bought "fresh" orange juice will lose its vitamin C content if exposed to light.

(d) Chicken is probably the best and most economical of the meats for its relative protein content.

(e) Young and old adults don't have to fear the lack of vitamin D, E, or K. As for the value of vitamin E to male potency and female fertility, a relationship is doubtful.

(f) The fat-soluble vitamin A is most important for good nutrition of humans of all ages.

(g) Adequate food sources of vitamin A exist. Drug supplements are unnecessary. Carrots (cooked), squash, sweet potatoes, yellow corn, and green, leafy vegetables are tops. Everyone should acquire a taste for liver and liver meat by-products. Vitamin A is essential for the physiology of sight and for one's visual acuity.

(h) For breakfast, an excellent fruit combination for vitamin A and iron content—peaches, apricots, raisins, prunes.

(i) Zinc is needed in trace amounts, as are other metal ions. In the Middle East its lack causes an inhibition of growth and prepubetal development of males leading to a type of eunuchoid dwarfism. Shellfish and some tubers are good sources of zinc. So are eggs and milk. Monotonous cereal diets, particulary that of whole wheat bread and oatmeal operate against the body's efficiency in absorbing zinc and other metal ions.

(j) The prolonged use of antibiotics without medical guidance was discouraged. Likewise the use of mineral oil as an aid in constipation was condemned. (Mineral oil is not digestible and will dissolve fat-soluble nutrients and eliminate them from the body.)

PHARMACISTS/100,000

The North Carolina average, per 100,000, has gone up from 39 to 51/100,000.

Orange County has the highest ratio of pharmacists to population. There are three counties—Camden, Gates and Hyde—without pharmacists.

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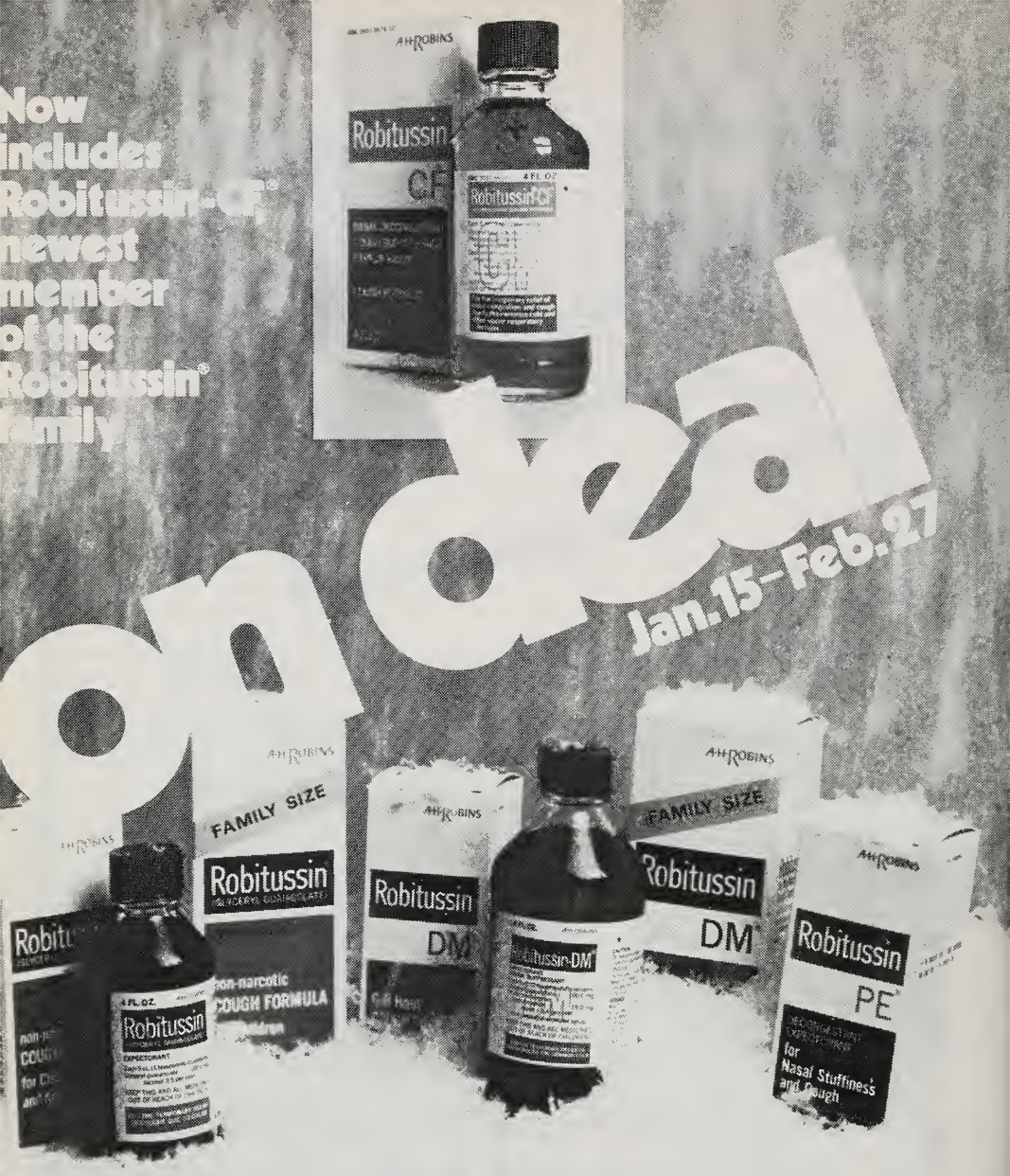
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Dear W.J.:

Enclosed is a summary that appeared in a recent issue of a periodical (CLIN-ALERT, 11/13/74) and describes the involvement of a pharmacist in a civil suit. It should be of interest to all of us as pharmacists, because the individual found liable in the action was found so for failure to provide information to a physician, *even though the information was not requested by the physician*. Although the pharmacist apparently was not judged liable for failure to warn the patient of potential adverse effects, I suspect that he could have been if the injured party had so desired.

This is another example wherein a pharmacist has chosen not to assert himself in the interest of the patient, the physician, himself and our profession. It is another example of a pharmacist who does not speak unless spoken to. In our effort to improve the image of pharmacists and pharmacy in the eyes of the public and other health professionals, we must move ourselves from the position of passive fillers of prescriptions to that of active providers of health care. It will be to our advantage to *assume* the responsibilities generated by our registration as pharmacists, rather than have them pointed out to us by courts of law.

Steve N. Almond
Pharmacist

Note: The product involved—Methysergide Maleate—resulted in action being brought against the manufacturer, physician and pharmacist. All defendants contributed to the $350,000 settlement for the plaintiff.

1975 RED BOOK

The 1975 edition of Drug Topics Red Book, with over 65,000 price changes from the last supplement, is now available from Litton Publications, publisher of medical and health care magazines, books, and directories.

The new issue of Red Book, the leading directory of prices and products for pharmacists, contains wholesale list prices for more than 172,000 products carried in the nation's drugstores. Besides listing prescription, over-the-counter, and beauty-care items, the new issue of Red Book contains an expanded "yellow pages" section of manufacturers' catalogs, a full-color quick identification section for prescription drugs, and many product descriptions.

Red Book, published annually since 1896, is a reference work for manufacturers and marketers. It provides essential buying, pricing, and product information, and in many states is used in determining Medicare and other third-party payment prices.

The 1975 edition, the 79th annual issue, retains two popular features introduced last year—a unit dose section, and the master chart of manufacturers' return goods policies of the National Wholesale Druggist Association. As usual, Red Book will be updated with multi-page cumulative supplements at four-month intervals in 1975.

Drug Topics Red Book, by far the oldest directory in its field, has a controlled circulation of more than 67,000. It is directed to all retail drugstore operators and managers, and also to all wholesale druggists, chain store headquarters, and hospital pharmacies. In addition, the Red Book and cumulative supplements is available at $15.00 per set from Litton Publications, Box 68, Oradell, N.J. 07649.

Litton Publications is a division of Litton Industries, Beverly Hills, Calif., a multinational corporation specializing in products, systems, and services for business, industrial, and professional markets.



Is this you, doing relief work?

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BUT who's going to pay the legal fees if that customer claims an error was made?

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Protect yourself! Obtain your own Professional Liability Policy from the company founded *by* pharmacists *for* pharmacists! Even though you don't do relief work, you can be held liable for any alleged mistakes at your regular place of employment. If you already have a professional liability policy, is it *Excess* or *Primary?* What's the difference?

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LIMITS $300,000 EFFECTIVE DATE_____

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2. ADDRESS_____

3. TELEPHONE_____

4. EMPLOYER_____

ADDRESS_____

5. WHEN DID YOU GRADUATE FROM PHARMACY SCHOOL?_____

WHAT SCHOOL?_____

YEAR REGISTERED_____ STATE_____

6. ARE YOU AN OWNER, PARTNER, OR CORPORATE OFFICER OF A RETAIL PHARMACY?
YES NO (CIRCLE ONE)

7. ARE YOU PRACTICING PROFESSIONALLY, FULL TIME OR PART TIME, ANY PLACE **OTHER THAN** A RETAIL PHARMACY? (FOR EXAMPLE, A HOSPITAL OR NURSING HOME)
YES NO (CIRCLE ONE)

8. DO YOU COMPOUND IN BULK, MANUFACTURE, OR WHOLESALE ANY DRUGS OR DRUG PRODUCTS?
YES NO (CIRCLE ONE)

9. HAVE ANY PROFESSIONAL LIABILITY CLAIMS BEEN MADE AGAINST YOU?
YES NO (CIRCLE ONE)

10. PLEASE GIVE THE DETAILS CONCERNING ANY "YES" ANSWER(S) ON QUESTIONS 6 THROUGH 9.

SIGNING THIS APPLICATION DOES NOT BIND THE COMPANY TO COMPLETE THE INSURANCE, BUT IT IS AGREED THAT THIS FORM SHALL BE THE BASIS OF THE CONTRACT SHOULD A POLICY BE ISSUED.

_____ _____
DATE SIGNATURE OF APPLICANT

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N. C. DRUGGISTS PASS THE BUCKS

by Tom Clark, Reporter, North Carolina Anvil, Durham, N. C.

REPRINTED FROM THE NORTH CAROLINA ANVIL (11-16-74), DURHAM, N. C., BY PERMISSION OF THE EDITORS.
OTHER THAN THE HEADLINE, PHARMACISTS WHO ATTENDED THE "CONSUMERS ALL SEMINAR" SAID REPORTER CLARK'S NEWS REPORT MORE ACCURATELY REFLECTS WHAT WENT ON AT THE SEMINAR THAN RALEIGH/DURHAM NEWSPAPER ACCOUNTS OF THE MEETING.

Is your friendly local pharmacist hiding lower prices from you, just to keep his profits up? Or does government over-regulation of the drug industry keep him from serving you better? These were among the issues bandied about as representatives from the fledgling North Carolina consumer movement clashed with pharmacists from throughout the state at a seminar on "Consumers All: The Prescription Advertising Dilemma."

The debate centered around the issues presented by Wib Gulley, executive director of the North Carolina Public Interest Research Group (NC PIRG). He cited the PIRG's survey of drug store prescription prices and policies from four N.C. cities, which showed information about prescription drug prices was not easily obtainable and that because of this secrecy, there is little real competition among drug stores. He pointed to numerous examples of prices that varied as much as 300 per cent for the same drug in the same town and noted there is no consumer representation on the agencies that regulate prescription drug policy.

The pharmacists complained it is unethical to advertise prescription drugs. If they did so it would open to public debate the quality of products which should, because of FDA standards, have a uniform high quality. Gulley responded that not only is this being done on a wholesale level, but that the climate of the courts is for making the practice legal. Therefore the discussion should be about how such advertising will be handled to protect the sick person. He suggested posting prices for the 200 most often prescribed drugs in each store and making these prices available by phone, would give the consumer a chance to weigh all pertinent factors; price, convenience, and service. As a by product it would make pharmacies compete with each other.

The pharmacists' point of view, as presented by W. H. Wilson, President of the North Carolina Pharmaceutical Association (NCPhA), was the pharmacist is caught in the middle between the drug manufacturers' different prices and qualities, and the customers' different needs. He said price posting was a compulsory form of prescription advertising and noted the pharmacist's oath prohibits advertising of vital drugs. He declared that he ". . . rejects the notion of the high-cost of prescription drugs. . ." and thinks that the public is well served by the pharmaceutical profession.

Another of the pharmacist's concerns was the subject of bio-availability. Dr. Seymour Blaug, Dean of the UNC-CH School of Pharmacy, said that after engaging in bio-availability studies for 20 years, he could not say that two drugs that are chemically equivalent are even probably therapeutically equivalent. He further noted that the relatively small number of drugs involved in bio-availability debates account for 50 per cent of all prescriptions.

What this means, said the pharmacists, is that the posting of the generic (scientific) name of the drug next to the brand name would drastically modify the pharmacists' right to decide what quality drugs, as reflected by the different brands, his customers are getting.

The chief complaint of the pharmacists however, is they are caught in an economic and bureaucratic squeeze between the profit hungry drug companies and the federal

(Continued on Page 23)

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DRUGGISTS PASS THE BUCKS

government's trade restrictions, quality standards, and social service red tape. Jesse Pike, a Concord, N. C. pharmacist and activist member of the Pharmacists Political Action Committee (PharmPAC), repeatedly emphasized that the major cause of noncompetitive prices is the selling by the federal government of drugs at exceedingly low cost to outlets like the Veterans Administration. He sees subsidies such as this (and he declined to give other examples), as well as discounts given by manufacturers to special groups as expenditures which are paid for by the independent pharmacist and, in turn, the consumer.

Other comments by the pharmacists on the consumer proposals were: That many customers can't read the prescriptions and so making price information available by phone, in addition to being prohibitively time consuming, would be misleading; and that a consumer advocate hasn't the technical background to serve intelligently on a regulatory agency.

Commenting on the legal aspects of the issue, John Silverstein, a lawyer from the N.C. Attorney Generals office, reported that there are two ways in which courts have considered prescription advertising cases. In situations where the courts required that "reasonable cause" be shown why the state should use its power to ban prescription advertising, such a ban was upheld. But in cases where the court demanded a demonstration of a direct relationship between legislative means and ends, exactly how the law will have an effect, then they found "no basis" for a law. He asked the pharmacists to state why they were opposed to price posting, to which he got no direct reply, and concluded with a deadpan statement that the only thing about drug laws that is clear is that it is a very confusing subject.

Lillian Woo, until recently chairperson of the North Carolina Consumers Council, had opened the day-long seminar in Chapel Hill with a stinging attack on the pharmaceutical profession, stating that they don't do much more than count pills and type labels. Her statement that "the only thing worse than an ignorant consumer is a deceived one," coupled with direct accusations about price boosting, lack of concern about low government standards for drugs, and unnecessary secrecy caused a visible stir in the room.

But contrary to the impression given by the local press coverage of the event, Ms. Woo's presentation was not the focal point of the discussion. After her initial speech, she only spoke twice more, once to give a short answer to a question and finally in her rather conciliatory summation speech.

Independent pharmacists were not the only group represented at this seminar, a part of UNC's Continuing Education program for its graduates. Speaking as an institutional pharmacist, Fred Eckel, pharmacist at N. C. Memorial Hospital, declared that he was proud of what he charges and is not at all insecure about making his prices available to the public. He admonished his colleagues that the issue is not whether advertising is good or not but rather whether or not discrepancies in cost represent discrepancies in service and quality.

Noting that a drugstore's sales volume as a whole is directly proportional to the prescriptions sales, Bill Scarboro, a representative from the Kerr Drug Co., described how big stores go about creating a demand for their prescription drugs in order to get the independent pharmacists customer. He said that the use of "loss leaders" high pressure advertising campaigns and discount programs to senior citizens and other interest groups will become more prevalent as chain stores proliferate. It was his opinion that consumers pressure will do nothing but "create erosion of the pharmaceutical laws."

Legislation will be sponsored again in the 1975 General Assembly to require price posting, making price information available by phone and the placement of a consumer advocate on the state Pharmaceutical Advisory Board. It is being sponsored by George Miller (D-Durham) at the urging of NC PIRG. It was hoped that this seminar would bring some specific proposals for mutual action between the consumer groups and the

(Concluded on Page 36)

DISASTERS

Major and Minor

BLACK MOUNTAIN

Black Mountain Drug Company—A December 25 visit by way of a two foot hole through the roof netted thieves approximately $2000 in merchandise and Controlled Substances.

MURPHY

Mauney Drug Company. Entrance by way of the roof and theft of drugs, mainly barbiturates. The unusual aspect of this robbery was that the pharmacy was entered on successive nights.

DURHAM

Kerr Drugs, Northgate Shopping Center. Entry was gained by sawing through an iron bar at the rear of the pharmacy. Taken: shotguns, rifles, knives, a calculator, a raft, binoculars, gun slings and a leather coat. The loss was approximately $2000.

WASHINGTON

Hospital Pharmacy. A bag containing cash, checks and charge tickets was stolen from the pharmacy prior to Christmas. An appeal was made to customers to notify the pharmacy of checks written to the pharmacy immediately prior to the theft.

ELKIN

Royal Drug Company—Two 16-year-old Jonesville boys have been jailed in connection with break-ins and thefts of drugs.

ROXBORO

Prescription Shop. Three youths entered the pharmacy and two of them pulled pistols on a clerk who gave them $250 from the cash register.

KINGS MOUNTAIN

Griffin Drug Company. For breaking and entering the pharmacy on November 12, Wesley Faucette received a sentence of not less than 14 months nor more than 18 months. The judge ordered the prisoner to get a mental and physical examination and treatment for drug addiction.

LINCOLNTON

Revco Drug Store—Thieves used an acetylene torch to cut through a metal door, then removed a small quantity of drugs before a burglar alarm frightened them away.

MOUNT AIRY

Square Pharmacy—Thieves knocked a hole in the back of the pharmacy's cinder block building and removed a quantity of Controlled Substances.

OAKBORO

Caddell's Drug Store—David Bryant Lambert of Albemarle has been arrested on charges stemming from a $5000 break-in and robbery on December 8. Local police recovered a large quantity of drugs taken from the pharmacy.

LOUISBURG

Harris Pharmacy—Two Louisburg men were arrested and charged with breaking and entering and larceny of $1000 in cash, a pistol and over 10,000 Controlled Substances from the pharmacy.

ASHEVILLE

Merrimon Avenue Pharmacy—Two armed men forced three employees and two customers to lie on the floor. Cash and some drugs were taken.

DAVIDSON

Parks Rexall Drug Store. Valium valued at more than $100 taken in a pre-Christmas robbery. A hole was knocked in one of the pharmacy's brick side walls.

SEABOARD

Community Drug Store—January 5 the pharmacy experienced its third break-in in two months. In the latest robbery, burglars took a 450-pound safe which contained only insurance papers and invoices.

MEBANE

Mebane Drug Company—January 2 break-in netted thieves a quantity of drugs. Entry was by way of the front door which was shattered.

KERNERSVILLE

Pinnix Drug Store. January 20. A young white male forced the pharmacist and customers into a room, then emptied the pharmacy's drug cabinet into a garbage can and made a hasty exit.

JAMESTOWN

Edmonds Jamestown Drug. January 18. Drugs taken following a break-in by way of a hole in the roof.

DUNN

Hospital Pharmacy. Merchandise valued at $150 taken in a holdup at the pharmacy.

PRINCETON

Woodard Drug Store—Merchandise and cash taken from the pharmacy in a December 23 break-in. No drugs involved.

RABIES INSPECTOR

Pharmacist L. R. Creech of Oxford has been reappointed rabies inspector for Granville County.

ASHEVILLE PHARMACISTS OPPOSE RX PRICE POSTING

According to a news item appearing in *The Asheville Times* (Jan. 18), "an expected push for a law requiring drug stores in North Carolina to post a price list on the 100 most commonly prescribed drugs was denounced here by local druggists during a recent poll as being confusing, impractical and unfair."

The move in the General Assembly for enactment of a law on posting of Rx drug prices is being spearheaded by the Consumers Council of North Carolina headed by consumer advocate Mrs. Lillian Woo.



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SPARTANBURG, SOUTH CAROLINA 29301

LILLY'S LAKE PROPOSES JOINT LILLY/NARD CONSUMER INFORMATION PROGRAM

The stability of prescription drug prices has acted as a brake on spiraling health care costs, "but no one knows about it," Thomas H. Lake, president of Eli Lilly and Company, told members of the National Association of Retail Druggists at NARD's Las Vegas Convention.

Speaking to delegates at their 76th annual convention, Lake proposed that Lilly and the NARD join in a comprehensive Consumer Information Program (CIP) to get the facts about prescription drugs and health care to consumers.

The ability of the drug firms and the pharmacists to maintain relatively stable prices in a period of high inflation is "a remarkable accomplishment that is largely unknown to the American public," he said. To prove his point, Lake cited these facts:

—From 1967 through August 1974, prescription drug prices in the United States increased less than 4 percent, while the Consumer Price Index for all items during the same time rose 50 percent.

—In 1973 the sales volume of four major classes of antibiotics* was $205 million, $165 million less than the same amount would have cost in 1969.

—Patients now pay 24 percent less for the leading oral antibiotic product** in the United States than they did when it was introduced 3½ years ago.

—In 1973 the consumer paid about the same per capsule of medication in the average prescription as he did five years ago (based on the average prescription price last year of $4.54).

—Total health care costs in the last 6½ years are up 54 percent. In the same period of time, prescription drug prices increased 4 percent. Were it not for the stability of prescription drug prices, the increase would have been greater.

"The strange thing is that (we) have managed to keep such incredible accomplishments almost totally concealed from view," the Lilly president told NARD delegates. "We sometimes act as if we don't want to let the secret out."

Lake charged that neither pharmaceutical companies nor retail pharmacists have really communicated with the consumer. He said that the consumer, by his actions and questions, wants to know more about prescription drugs—"how they're discovered, made, used, selected, sold, and priced."

Lake pledged his company's manpower, know-how, and financial support to form a joint task force to create practical, down-to-earth programs and materials that will "help every retail pharmacist communicate" the facts about prescription medicines and health care to their customers.

At the same time, the Lilly president proposed that government officials work with those responsible for health care—physicians, pharmacists, and pharmaceutical manufacturers—to assure the most effective and appropriate use of prescription medicines at reasonable costs.

Lake criticized a HEW plan proposed last year in which the government would set the maximum prices for all prescription drugs available from more than one source and reimbursed by HEW funds. He said that the Maximum Allowable Cost (MAC) plan sounds good on the surface but, in fact, "applies to the least significant part of health care costs." He pointed out that drug costs affected by MAC would be a "microscopic 2 percent of federal welfare medical costs."

PHARMPAC MEETS

The Board of Directors and Executive Committee, North Carolina PharmPac, met in Chapel Hill on January 29.

The agenda included a legislative forecast for the current session of The General Assembly, Congressional forecast, annual meeting of PharmPac in April, member recruitment, and long term objectives.

PharmPac's immediate objective is to double its 1974 membership roll which was up 100% from 1973. Steven R. Moore of Chapel Hill is executive secretary of PharmPac; Rex Paramore, Nashville, is chairman.

PHARMACEUTICAL MEETINGS

Wake County Pharmaceutical Association met January 7 at Parker's Bar-B-Q. Organization has 111 paid members.

Shelton Brown discussed the Paid Prescription Program. Benny Ridout pointed out the non-advertising section of the Medicaid participation agreement.

John Myhre suggested the organization consider purchasing a number of cassette recordings orientated toward continuing education. The cassettes to be made available to members on a sign-out basis.

Durham-Orange Pharmaceutical Association visited Burroughs Wellcome Research Labs. on January 16. Following a tour of the laboratories, members of the Association were dinner guests of BW.

Present for the dinner were a number of the BW officers, including President Fred Coe.

Dr. Seymore Blaug has appeared as guest speaker at a number of recent meetings of local pharmaceutical organizations. He was in Charlotte on January 8, in Greensboro on January 15 and Morganton on January 16. Then to Raleigh on February 4 and Gastonia, February 00.

Some of these appearances also included LeRoy Werley, Assistant Dean of the School, and Claude U. Paoloni.

ROBS BROOKS' UNOCCUPIED RESIDENCE

For the past thirty days, the B. Cade Brooks of Fayetteville have been transferring furniture and household supplies from their home near Hope Mills to a new residence, now nearing completion in Fayetteville.

One night in mid-January, an uninvited visitor or visitors to the new residence made off with some of the Brooks' unpacked items valued at $6000.00. Since the residence was unoccupied at the time, the visitor(s) took their time in selecting items of preference.

CONDOMS, LONG USED FOR PREVENTING UNWANTED PREGNANCIES, NOW PLAY KEY ROLE IN MAKING "MALE-ALLERGIC" WIVES . . . PREGNANT

Condoms, sold by pharmacy for generations and used to ward off unwanted pregnancy, are now being used—of all things—to make it possible for a special class of women to have babies.

According to Youngs Drug Products Corporation, a leading manufacturer of condoms and other health and beauty aids, an increasing number of gynecologists both here and abroad are prescribing "condom therapy" as the only reliable answer to the plight of wives who discover they are literally allergic to their husband's sperm, and thus cannot become pregnant. Representing more than five per cent of all infertile women, these wives may love their husbands madly, and yearn for children, but they can't have them so long as their special kind of body chemistry continues to make antibodies that destroy the sperm.

How does "condom therapy" come to the rescue? When the couples use the condom for six months or more, Youngs Drug Products learned, the women's antibody-making mechanism finds no demand for its services. The antibodies fade away. And after one or more periods of "condom therapy" the infertile wife and her husband can resume normal relations, with a good chance that the wife will become pregnant. Ergo: in this special case, condoms brought on the pregnancy.

Dr. Satty Gill Keswani, gynecologist of Livingston, N.J., advised Youngs Drug that the percentage of successes—fertility restored—runs to at least 60 per cent.

NORTH CAROLINA PHARMACY TRIPARTITE COMMITTEE ON PHARMACY EXTERN/INTERNSHIP PROGAMS

NOVEMBER 18, 1974

Members present: Messrs. Caiola, Claytor, Dawson, Day, Edmonds, McAllister (ex-officio), Randall (Chairman), Smith (ex-officio), Willets.
Members absent: Messrs. Paoloni and Werley.
Guests present: Ms. Claytor, Messrs. Dalton, Fulton, Pittman, Shoffner.

1. *Welcoming of Guests:*

Chairman Randall welcomed the guests in attendance and asked that they freely contribute to the discussion.

2. *Review of minutes of September 16, 1974 meeting:*

Mr. Caiola reviewed the minutes of the last meeting and the committee moved to approve them.

3. *Criteria for Selection of Preceptors and Pharmacies for the UNC School of Pharmacy Practical Experience-Externship Program:*

Mr. Pittman reviewed the Virginia externship programs "Guidelines for Practitioner-Teachers." The Committee moved to adopt similar guidelines for our program.
Mr. Pittman then reviewed the tentative selection criteria for Hospital and Community pharmacies. The Committee made a number of changes and adopted the revised criteria.

4. *Updating the Notebook and Program Instructions:*

Mr. Caiola stated that the *Notebook* structure had been discussed in detail with students and with Dean Blaug. The students felt the present *Notebook* format was not very useful or challenging and that a self-assessment quiz for each extern/internship period would be more useful.
Mr. Shoffner presented a series of questions on the laws affecting pharmacy practice which had been prepared by a group of students. The questions were written in self-assessment styles with references for students to look up the correct answer. The students recommend an entire *Notebook* of self-assessment questions. At the end of selected periods of extern/internship, certain questions could be turned in to the Board to be graded similar to the old *Notebook*. Iowa uses this system and Dean Blaug states they have been happy with the results they have obtained.
The Committee asked Mr. Shoffner to have students, with the help of selected faculty, prepare self-assessment questions for complete sections of the *Notebook* similar to the present introductory, intermediate and advanced sections. Mr. Shoffner stated that he will attempt to get this done and will present what can be accomplished to the Committee at the next meeting. If we cannot complete the *Notebook* with self-assessment questions by the next meeting we will update the present *Notebook* for the summer of 1975.
Mr. Day asked that all Committee members receive copies of the Iowa *Notebooks;* Mr. Paoloni will send these to all members.

5. *Next Committee Meeting:*

The next meeting of the Committee will be held on Monday evening, January 20, 1975. Secretary Paoloni will distribute details of the meeting plus an agenda at a later date.

Respectfully submitted,

/s/Stephen M. Caiola
Acting Secretary

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MARRIAGES

Maynard-Miller

Miss Susan Patricia Miller, daughter of Mr. and Mrs. Collette Glenn Miller of Lenoir, and Dr. James Lewis Maynard of Raleigh were married January 11 at the St. James Episcopal Church, Lenoir. The bride, graduate of School of Pharmacy, UNC-Chapel Hill, where she also received her master's degree, is employed by Eckerd's of Durham. Dr. Maynard is a pathology resident at N. C. Memorial Hospital.

Woody-Townsend

Miss Sara Leticia Townsend of Reidsville, and *Alvin Dell Woody* of Jonesville were married January 4 at Holy Trinity Lutheran Church, Reidsville. The bride's father heard the vows. Mr. Woody who holds V.S. degrees in Zoology and Pharmacy from the University of N.C. at Chapel Hill, is a pharmacist at Mann Drugs, Jonesville.

BIRTHS

A daughter, Mary Curtis, was born December 11 to Mr. and Mrs. J. Weaver Kirkpatrick of Waynesville. Mrs. Kirkpatrick is president of the NCPhA Woman's Auxiliary; Mr. Kirkpatrick is with Eckerd's of Waynesville. The Kirkpatricks have two other children, Kirk and Angell.

DEATHS

T. M. Lowder, Jr.

Thomas M. Lowder, Jr., Greensboro pharmacist, died January 1, 1975, following a period of declining health.

A graduate of the University of South Carolina School of Pharmacy, Mr. Lowder had been associated with Edmond's Summit Center Drug, for twenty years.

C. Ray Foster

C. Ray Foster, district sales manager in Southeastern U. S. for Rexall Drug Company for many years, died January 5 in Spartanburg, South Carolina.

P. L. Thomas

Phillip Langston Thomas, 68, Shallotte pharmacist, died at his home on January 23.

A native of Erwin and a graduate of the UNC School of Pharmacy (1931), Mr. Thomas operated a pharmacy in Roxboro in partnership with the late Curtis Oakley prior to moving to Shallotte in the late '50s.

One of the survivors, a son, Edward R. Thomas III, operates Thomas Drugs of Shallotte.

G. D. Booth

Gutherie Donald Booth, who formerly operated the Don Booth Drug Store in Durham, died December 30 in Wilmington.

Mr. Booth was a native of Conway, South Carolina and a graduate of the Medical College of South Carolina.

Among the survivors is a pharmacist daughter, Mrs. Larry K. Neal of Wilmington.

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NCPhA EXECUTIVE COMMITTEE MEETS IN WINSTON-SALEM

The Executive Committee of the North Carolina Pharmaceutical Association, meeting in Winston-Salem at The Hyatt House on Sunday, January 19, 1975, took this action:

(1) Reviewed and adopted the minutes of the committee meeting in Chapel Hill, N. C. on December 4, 1974.

(2) Studied a financial report covering operation of the NCPhA for 1974 and received an informational report of dues collected first 17 days of 1975. Secretary Smith reported a CPA had been retained to audit the Association's financial records for 1974 as required by the NCPhA by-laws.

(3) Selected award recipients (a) Pharmacist of the Year (b) Bowl of Hygeia for Community Service and (c) Blanton Award.

(4) Authorized presentation of "Appreciation Certificates" to designated NCPhA members for outstanding professional and community service.

(5) Discussed MAC (maximum allowable cost) and concluded that application of acquisition drug cost with a low dispensing fee could be disastrous to Pharmacy. The NCPhA has registered its opposition to adoption of MAC by submitting a position statement to the Hearing Clerk and by filing copies with North Carolina Congressional Representatives and Senators.

(6) Secretary Smith stated he had written Dr. Rence P. Hill, Director of the Division of Social Services, in regard to increasing the current $2.00 Medicaid Rx fee. As a result, Dr. Hill has assigned further action on the matter to Mr. Benny Ridout, who will report to the committee at a later date.

(7) In the future, NCPhA executive committee members, who travel extensively on behalf of the Association, will be covered with $10,000 accidental death insurance at a cost of $1.00 per month.

(8) The committee reviewed a proposal by the N. C. Board of Medical Examiners and Nurses' Board to permit an extension of professional activities by nurse practitioners and physician assistants. The proposal will be considered by the NCPhA Committee on Legislation on February 2 and the NCPhA Executive Committee, February 18.

PROGRESS REPORTS:

(1) Secretary Smith said final arrangements had been completed for the 9th Annual Seminar on Socio-Economic Aspects of Pharmacy Practice, scheduled for February 19. More than 4000 copies of the program have been mailed.

(2) NCPhA Convention and Annual Meeting of The Woman's Auxiliary and TMA, Winston-Salem, April 13-15, 1975. All chairmen have been appointed; business and entertainment programs on schedule.

The committee authorized sponsorship of a reception on Sunday afternoon, April 13, 4 to 5 p.m., honoring Dean and Mrs. Blaug. The reception to be scheduled on the Upper Deck of The Hyatt House, Winston-Salem, overlooking The Greenhouse.

Next meeting of committee was set for February 18, 1975, in Chapel Hill at the Institute of Pharmacy.

The meeting was adjourned at 4 p.m. in memory of the father of committee member Milton Whaley. Mr. Whaley's father died during the early morning hours of January 18, 1975.

UNC Pharmacy School Notes

PHI DELTA CHI

Reported by Mike Robinson

The Fall semester was a busy one for the Fraternity. Plans are now being finalized and arrangements are being made for holding the Phi Delta Chi Regional Convention in Chapel Hill on January 31, with the UNC chapter as host. To help with the added work, we enlarged our ranks with the acceptance of nine pledges: Bill Pickard, 4/5 from Greensboro; Les Alsup, 3/5 from Arden; Keith Minter, 3/5 from Reidsville; Ray Peedin, 3/5 from Smithfield; Jack Smith, 3/5 from Greensboro; Mike Brewer, 2/5 from Wilkesboro; David Joyner, 2/5 from Wilmington; David Smith, 2/5 from Newton; and Horace Tripp, 2/5 from Ayden. We are glad to have these men with us. Our Pharmacy Senate representative authored and submitted a bill which was voted on and passed by the Student Body, which will create a Pharmacy School Elections Board. This was done to relieve the Student Body President of the tedious task done by him every semester.

STUDENT BRANCHES

The January 28 meeting of the Student Branches of the NCPhA and APhA was devoted to "The Employment Outlook for 1975."

Guest speakers were W. H. Wilson (community pharmacy), Donald Deaton (chain pharmacy) and J. L. Johnson, Jr. (hospital pharmacy).

DR. FOLKERS IS SEVENTH HARTUNG LECTURER

Dr. Karl Folkers, Director of the Institute for Biomedical Research and Professor of Chemistry, University of Texas at Austin, presented the Seventh Annual Walter Hartung Memorial Lecture on February 11 at the UNC School of Pharmacy.

Dr. Folkers' paper was entitled *Biomedical Research on Coenzyme Q and Peptide Hormones.*

A highly distinguished scientist and recipient of many awards, Dr. Folkers holds past presidencies of the American Chemical Society and the Stanford Research Institute. He authored several hundred technical papers, most recently pursuing work on the chemistry and action of hypothalmic releasing hormones and Co Q antimetabolites.

Other speakers who will present programs at the School of Pharmacy this year are Dr. Gerhard Levy, Distinguished Professor of Pharmaceuties at the State University of New York, Buffalo, and Dr. Max Tishler, Professor of Chemistry at Wesleyan University. Dr. Tishler was formerly president of Merck, Sharp and Dohme Research Laboratories.

A NEW PHARMACY FOR BETHLEHEM COMMUNITY

Announcement has been made of the opening of Bethlehem Pharmacy in the Bethlehem Community near Taylorsville. The opening date was set for January 27.

The pharmacy is owned by Alden King of Hickory, owner/manager of King's Drugs. Manager of the pharmacy will be Gary Sain, a graduate of the UNC School of Pharmacy. He has been associated with King's Drugs for the past three years.

A shopping center is planned for the area immediately adjacent to Bethlehem Pharmacy.

DRUGGISTS PASS THE BUCKS

(from Page 23)

pharmacists. A similar proposal was defeated last spring.

In his closing remarks, Gulley promised to study the pharmacists problems i.e., discrimination in wholesale pricing, the sending of samples to physicians and mail-order prescriptions.

Ms. Woo also declared that she learned a lot about situations that face a pharmacist and promised she would think more about them. By the end of the day however, the consumer representatives had left and the meeting turned into a complaint session for the pharmacists. Wilson urged his colleagues to become active in PharmPAC and there were suggestions that the consumer group put pressure on the government and drug companies.

In the closing remarks, State Senator John Henley (D-Hope Mills) echoed everyone's sentiment that dialogue such as the day provided was a good thing, but that he was opposed to "forced" advertising and will introduce legislation to prevent such a practice from happening.



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Volume LV **March 1975** **Number 3**

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COUNTRY CRAFTS FAIR

A feature of the 1975 Convention of the North Carolina Pharmaceutical Association & affiliated Auxiliaries The Hyatt House, Winston-Salem, North Carolina Sunday—Monday—Tuesday, April 13-14-15, 1975.

Mrs. B. Cade Brooks, Fayetteville, Chairman of the Institute of Pharmacy Decorating Committee, is shown with craft articles representative of those which will be for sale at the Convention in Winston-Salem.

Proceeds from the sale will be used toward remodeling of the 24-year-old kitchen in the Institute of Pharmacy. Woman's Auxiliory members, as well as other interested people, are being asked to contribute products of their handiwork.

A sample of the ingenuity exhibited by the wife of one pharmacist is pictured extreme left (top over framed floral)—the wreath is made of corn shucks.

For additional details, see page 11.

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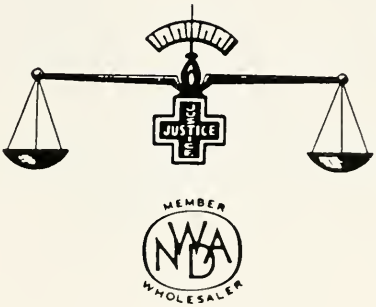
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March, 1975

Vol. LV No. 3

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BRINGING THE NEWS UP-TO-DATE

President Ford at one time (1943) was a resident of Chapel Hill, and of special interest to Pharmacy, he rented a cottage from the then Professor of Pharmacy, Dr. Henry Burlage, later Dean of the School of Pharmacy, University of Texas.

Lt. Ford (at that time) was a physical education instructor in the preflight school. He left Chapel Hill in 1944 and joined the Atlantic Fleet.

LOAN TOTAL PASSES $100,000 MARK

The Consolidated Pharmacy Fund passed a landmark in January when the loan total to pharmacy students went past the $100,000 mark.

A total of 882 loans have been made since the Fund was established. Lately, due to the economic dip, loan applications have been more numerous (more than $3000 was loaned in January 1975).

A significant contribution to the Fund was received from Mr. H. Q. Ferguson of Randleman. He is a member of the Consolidated Pharmacy Committee.

A detailed report is being prepared for presentation in Winston-Salem while the 1975 NCPhA Convention is in progress.

TO BE INDUCTED INTO 50 PLUS CLUB

Special tribute will be paid these pharmacists at the 1975 Annual Meeting of the NCPhA, scheduled for Winston-Salem, April 13-15:

Thomas Roy Burgiss, Sparta
Herbert O. Champion, Waynesville
Harland M. Deal, Lenoir
Wade A. Gilliam, Winston-Salem
Earl T. Tate, Lenoir
James L. Thompson, Reidsville
W. Latham West, Lakeland, Florida.

The pharmacists listed above qualify for recognition by (1) a current member of the N. C. Pharmaceutical Association and (2) licensed as a pharmacist in 1925. Recognition includes presentation of a 50 year pin and induction into The 50 Plus Club of the NCPhA.

If you qualify—1 and 2 above—and your name does not appear above, write the NCPhA. We work from two lists: The 1975 NCPhA membership role and the two registrations conducted by the N. C. Board of Pharmacy in 1925.

THE PHARMACIST'S ROLE IN PATIENT CARE

The Pharmacist's Role in Patient Care in the Long Term Care Facility

a workshop with the following objectives

- To assist the pharmacist in formulating and using a systematic approach to patient monitoring;
- To enhance the pharmacist's communication abilities with the patient and with other health care professionals:
- To provide the pharmacist with the practical experiences which will enable him to assume the roles which are now indicated in the new Skilled Nursing Facility Regulations.

is scheduled at the Institute of Pharmacy, Chapel Hill, on March 26.

The Workshop is sponsored by the UNC School of Pharmacy, the NCPhA and APhA, in cooperation with the N. C. State Board of Examiners for Nursing Home Administrators and the N. C. Health Care Facilities Association.

Registration forms have been mailed to all North Carolina pharmacists. A duplicate may be obtained from: School of Pharmacy, Continuing Education, University of North Carolina, Chapel Hill, N. C. 27514.

A CHANCE TO SUPPLEMENT YOUR INCOME

In 1967 the average prescription charge was $3.63. In 1974 this charge was $4.45.

Assuming that the value of the dollar (purchasing power) declined 25% during this period, what was the percentage *real change* in the average charge for a prescription during this period?

The NCPhA has a gift for you if you are in the first 5 to send in correct answers.

PROPOSED BILL TO AUTHORIZE PHYSICIAN ASSISTANTS AND REGISTERED NURSES TO PRESCRIBE, COMPOUND, DISPENSE & ADMINISTER DRUGS & DEVICES

This proposed bill, drafted by David G. Warren at the request of the North Carolina Board of Medical Examiners and others, was discussed by these members of the NCPhA Legislative Committee on February 2:

W. H. Randall, Chairman, Lillington; Donald K. Chapman, Winston-Salem; James R. Hickmon, Fayetteville; Albert F. Lockamy, Jr., Raleigh; Bill Mast, Henderson; Alfred Gene Smith, Elizabethtown; and Roy Smith, Newland.

The Committee voted unanimously to oppose the proposed bill and recommended the NCPhA Executive Committee (meets February 18) to do likewise. The proposed bill is also under review by the State Medical Society and the N. C. Board of Nursing as well as the Office of Rural Health Services and the State Chemist (Food, Drug & Cosmetic Act).

—A Bill to be entitled—

AN ACT TO PERMIT THE BOARD OF MEDICAL EXAMINERS TO AUTHORIZE THE PRESCRIPTION OF DRUGS BY CERTAIN PERSONS THE NORTH CAROLINA GENERAL ASSEMBLY ENACTS:

Section 1. Chapter 90 is amended by adding a new section thereto to read as follows:

"90-18.1. *Physicians assistants and registered nurses authorized to prescribe, compound, dispense and administer drugs and devices.* The Board of Medical Examiners shall adopt rules and regulations which authorize registered nurses and assistants to physicians to prescribe, compound, dispense and administer drugs and devices. The rules and regulations shall contain the following conditions and limitations:

(a) Only those registered nurses and physician's assistants who are approved by the Board to perform medical acts under the provisions of G.S. 90-18 may be authorized to prescribe, compound and dispense;

(b) Controlled substance shall only be prescribed, compounded, and dispensed in accordance with other provisions of federal and state law;

(c) Each person so authorized shall be identified with a number and such number shall be indicated in all prescription both oral and written;

(d) Compounding and dispensing shall be authorized only in a clinic or other health facility which is more than 12 miles of a pharmacy;

(e) Other conditions and limitations may be included which the Board determines are reasonably intended to protect the public;

(f) Nothing in the rules and regulations shall be construed to limit the practice of pharmacy as otherwise authorized by law."

Section 2. This act shall become effective upon ratification.

THE 1975 CONVENTION

For preliminary details of the 1975 Convention of the NCPhA and Affiliated Auxiliaries, see pages 6 through 15.

JOE JOHNSON HEADS GUILFORD COUNTY SOCIETY OF PHARMACISTS

Greensboro pharmacist Joe Johnson was installed as president of the Guilford County Society of Pharmacists at a meeting of the organization in Greensboro on January 15.

Other officers installed with President Johnson were Arnold Cherson, president-elect; Frank Burton, vice-president; and Al Mebane, secretary-treasurer. Directors: Regina Misiaveg and David Montgomery.

The guest speakers were presented by Claude Paoloni: Seymour Blaug, Lee Werley and Fred Eckel, all associated with the UNC School of Pharmacy.

George McLarty, the immediate past president, was commended for his services to the Society during the past year.

1975 CONVENTION—GENERAL INFORMATION

TIME AND PLACE:
The Hyatt House
Winston-Salem, N. C.
Sunday/Tuesday, April 13-15
GENERAL CONVENTION MANAGER:
Alfred H. Mebane, III
Greensboro
LOCAL CONVENTION CHAIRMEN:
N. C. Pharmaceutical Association
Donald K. Chapman
Woman's Auxiliary, NCPhA
Mrs. Donald K. Chapman
Mrs. A. C. Dollar
Mrs. A. H. Mebane, III
(Registration)
TRAVELING MEN'S AUXILIARY:
Golf (Monday, April 14)
L. G. (Len) Phillipps, Jr.
W. H. (Bill) Andrews
ENTERTAINMENT SPONSORED BY THE WHOLESALE DRUGGISTS OF N. C.:
W. H. (Bill) Andrews, Chairman
ENTERTAINMENT SPONSORED BY THE TRAVELING MEN'S AUXILIARY:
W. F. (Bill) Elmore, Chairman
REGISTRATION:
N. C. Pharmaceutical Association
$15.00 or $10.00 per day.
Woman's Auxiliary
$10.00 (includes 2 luncheons)
Traveling Men's Auxiliary
$20.00 attending membership
GOLF:
Scheduled for Monday, April 14 at Pinebrook Country Club—off 52 north of Winston-Salem. TMA members tee off beginning 11 a.m. and NCPhA members, 1 p.m. Greens fees and food/refreshments courtesy of Owens-Illinois.
CRAFTS FAIR:
A fund-raising project sponsored by The Woman's Auxiliary. Opens Sunday in the Robert E. Lee Room of The Hyatt House. See Journal cover for additional details.
SUNDAY NIGHT DINNER:
Guest speaker will be Dr. Bernard Boyd, James A. Gray Professor of Biblical Literature, UNC-CH. Awards (50 Plus, etc.) will be presented at this time. Dinner tickets are $10.00 each and tables for ten may be reserved for $100.00.
GUEST SPEAKERS:
Includes the President of the National Association of Retail Druggists, E. Boyd Garrett of Nashville, Tenn. and David L. Schmidt of Kansas (see Mirror, Mirror announcement this Journal).
PRIZES:
By popular request, the "prizes from around the world" will be repeated this year. Tickets will be distributed prior to each NCPhA business session.
HYATT HOUSE:
300 West Fifth Street
P. O. Box 599
Winston-Salem, N. C. 27102
Tel. (919) 723-9111
has two restaurants (The Greenhouse and Hugo's Rotisserie); a glass bubble elevator; swimming pool with 12-foot water slide; a galaxy of specialty shops; 650-space parking garage and an indoor ice rink larger than Rockefeller Center's.
ADVANCE RESERVATIONS:
may be obtained by writing/calling
W. J. Smith, Executive Director
N. C. Pharmaceutical Association
P. O. Box 151
Chapel Hill, N. C. 27514
Tel. (919) 967-2237

RESOLUTIONS

Resolutions for consideration at the April 13-15 NCPhA Convention in Winston-Salem should be mailed to the NCPhA, Chapel Hill, prior to March 20.

JOS. SCHLITZ BREWING CO.

The Jos. Schlitz Brewing Company facility in Winston-Salem is the largest plant under one roof in North Carolina. It has a production capacity of over 4 million barrels of beer annually.

The brewers of "The Beer that made Milwaukee Famous" are pleased to welcome you to a free tour of their Winston-Salem plant, and to enjoy a visit to the "Brown Bottle" hospitality room.

The plant is located five and one-half miles south of I-40, just off Highway 52.

Pharmacy tour leaves The Hyatt House on Monday, April 14, 2 p.m.

1975 CONVENTION OF NORTH CAROLINA PHARMACEUTICAL ASSOCIATION & AFFILIATED AUXILIARIES
HYATT HOUSE, WINSTON-SALEM, NORTH CAROLINA
SUNDAY—MONDAY—TUESDAY, APRIL 13-14-15

THE CONVENTION IN BRIEF

SUNDAY, APRIL 13

1:00 p.m.—Registration opens.
1:00 p.m.—Crafts Fair Opens—Robert E. Lee Room.
1:30 p.m.—Meeting of NC-PharmPac (officers and directors).
2:30 p.m.—Annual Meeting of NC-PharmPac.
4:00 p.m.—Reception honoring UNC Pharmacy Dean & Mrs. Seymour Blaug—Reception Deck.
7:00 p.m.—Opening Session; dinner, presentation of awards and guest speaker: Dr. Bernard Boyd.

MONDAY, APRIL 14

9:00 a.m.—NCPhA Business Session, Ballroom 2 & 3.
9:00 a.m.—Coffee (Woman's Auxiliary).
10:00 a.m.—Tour of Reynolda House (Woman's Auxiliary)
11:00 a.m.—TMA-sponsored Golf at Pinebrook Country Club.
TMA members tee off at 11 a.m.
NCPhA members tee off at 1 p.m.
1:00 p.m.—Auxiliary Luncheon. Hyatt House Terrace Room.
2:00 p.m.—Tour of Schlitz Brewing Company.
2:00 p.m.—Tennis Tournament.
8:00 p.m.—Entertainment sponsored by Wholesale Druggists of North Carolina—Ballroom.

TUESDAY, APRIL 15

9:00 a.m.—NCPhA Business Session—Ballroom 2 & 3.
10:00 a.m.—Woman's Auxiliary Coffee & Annual Business Session.
11:00 a.m.—Annual TMA Business Session.
12:30 p.m.—Auxiliary Luncheon—Bermuda Run Country Club.
2:00 p.m.—NCPhA Business Session. Ballroom 2 & 3.
8:45 p.m.—Entertainment sponsored by the TMA of the NCPhA. Ballroom.

You are most cordially invited to
a
R E C E P T I O N
honoring
Dean and Mrs. Seymour Blaug

Sunday, April 13
4:00 o'clock

Reception Deck
Hyatt House

Winston-Salem, North Carolina

This reception, to officially welcome the Blaugs to North Carolina Pharmacy, will provide members of the NCPhA and others an opportunity to meet these very valuable additions to the School of Pharmacy of the University of North Carolina—Chapel Hill.
Since the Blaugs have visited several areas of the state, this reception will enable some of their new North Carolina friends to further their acquaintance and friendship. Others will have the opportunity to "meet and greet" these new Tar Heels for the first time.
The North Carolina Pharmaceutical Association is happy to schedule this official reception for the Blaugs as a part of the 95th Annual Convention of the organization.

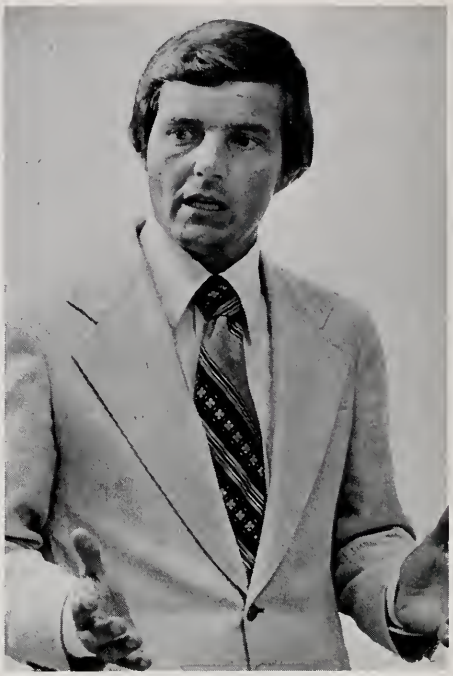
MIRROR, MIRROR

White coat; thick glasses; guarding a room of drugs, bottles and pills; types little labels and charges high prices.

Is this really an accurate description of the typical patient picture of the professional pharmacist? MIRROR, MIRROR is a special seminar program designed to help the pharmacist re-examine and perhaps restructure his professional image.

This outstanding program attracted a standing room audience at the 1974 annual meeting of the APhA in Chicago and, through the courtesy of The Upjohn Company, will be a feature of the 1975 Annual Convention of the NCPhA & Affiliated Auxiliaries.

David L. Schmidt
Program Leader



MIRROR—MIRROR
HOW TO BUILD YOUR PROFESSIONAL IMAGE

TUESDAY, APRIL 15, 9 A.M. TO 12 NOON
BALLROOM 2 & 3, THE HYATT HOUSE

THE FACE IN THE GLASS TALKS BACK

- The wicked queen syndrome
- Removing the cloak of skepticism
- The power of self-reflection
- How a professional deals with criticism

THE BASICS OF PROFESSIONAL LEADERSHIP

- The demands of the professional leader
- To anticipate human behavior
- Dealing with others' feelings
- Becoming a better listener

A POSITIVE ACTION SELF-REFLECTION PROGRAM

- Personal preference check list
- What is your intimacy quotient?
- A plan for being more successful with others.

THIS PROGRAM MADE POSSIBLE THROUGH AN EDUCATIONAL GRANT FROM THE UPJOHN COMPANY.

WE SERVICE THE PEOPLE WITH NO ROOM FOR ERROR AND NO TIME TO WAIT.

Every customer is demanding, but among the most demanding are hospital pharmacists—the folks with no room for error and no time to wait.

With life and death on the line every hour of every day, we service and satisfy their needs. So it stands to reason if we can satisfy their needs, we can do the same for your pharmacy. To meet these demands, we've implemented our DATAREX® Service as a continuous inventory control for day-by-day stocking of all essential requirements. And when emergencies arise, we've made provisions for that, too. Needless to say, a service like this has caught on.



Today more and more hospitals are turning to Gilpin. But we understand there's no room for error and no time to wait in your pharmacy either.

THE HENRY B. GILPIN COMPANY

Wholesale druggists since 1845.

Baltimore—E.A. Turner, 7401 Pulaski Highway, Baltimore, Md. 21237 (301) 866-4660 Dover—W.E. Warther, 756 South Little Creek Rd., Dover, Del. 19901 (302) 734-8281

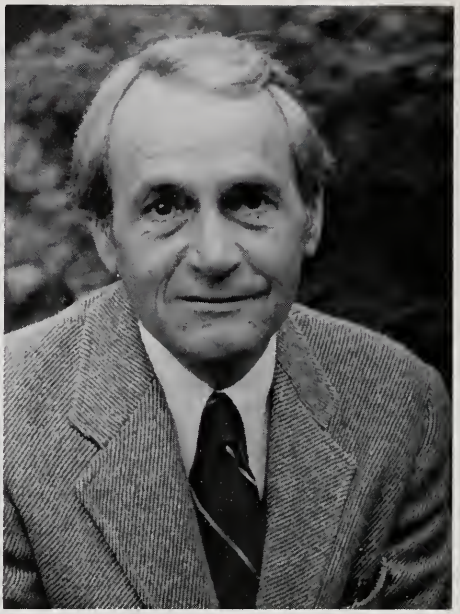
GUEST SPEAKER

GUEST SPEAKER at the opening dinner session of the convention will be Dr. Bernard Boyd, James A. Gray Professor of Biblical Literature, UNC-CH.

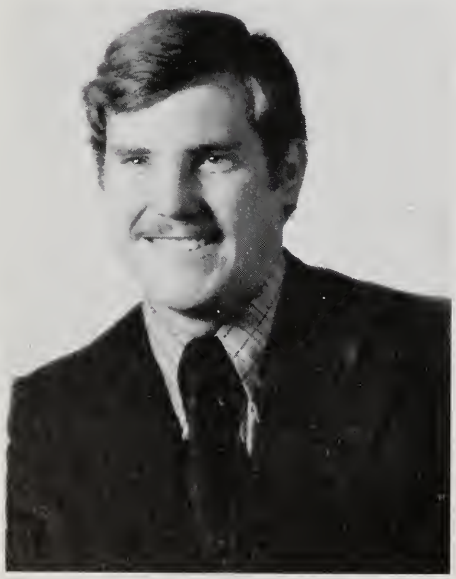
Dr. Boyd does a masterful job of blending religion with his archaeological expeditions to Israel. He is known nationally through his television courses distributed by National Educational Television.

One of the most popular professors at Carolina (The Origin and Significance of the Bible), his lecture hall cannot accommodate all students who wish to register for his classes.

SUNDAY, APRIL 13, 7 P.M.



Dr. Bernard Boyd



Stephen Lee Collins has recently completed a four week intensive Sales Training Course as the final phase of a 30 week program for the position of Sales Representative for Burroughs Wellcome Co.

Steve is a native of Charlotte, North Carolina and is a graduate of University of North Carolina at Charlotte. Steve will be working out of Fayetteville, North Carolina.

Burroughs Wellcome Co. manufacturers and markets over 80 medicinal products throughout the United States, including analgesics, antihistamines, cardiovascular drugs, muscle relaxants, and drugs useful in the treatment of diabetes, gout, leukemia, and certain forms of cancer. Its best known products are Empirin® Compound, Sudafed®, and Lanoxin® brand Digoxin. The corporate headquarters and research laboratories are located in Research Triangle Park and its modern manufacturing facilities in Greenville, North Carolina.

CRAFTS FAIR AT CONVENTION

As a means of raising funds to remodel the Institute of Pharmacy's 24-year-old kitchen, the Woman's Auxiliary will sponsor a Country Crafts Fair at the Winston-Salem convention.

Contributions of crafts, canned goods, baked articles, plants, paintings, etc. are sought to "stock" the Robert E. Lee Room at the Hyatt House, when it becomes the Crafts Center on Sunday, April 13th.

In addition to assisting the Auxiliary in their money-raising project, the Country Fair will provide an extra dimension of interest to the Convention. The Fair, opening early afternoon on Sunday, April 13th, will continue through Monday noon.

Articles will be sought for sale and/or display under the following arrangements:

(1) GIFTS: Articles contributed for sale, with all proceeds going to the remodeling fund;

(2) CONSIGNMENT: Articles with a resale value of $50 or more accepted on a consignment basis, with 50% going to the contributor and 50% going to the kitchen fund;

(3) EXHIBIT ONLY: Hobbyists will be invited to display products of their artistic ability. These articles will not be for sale and will be clearly marked to indicate this. A contribution of $2 per article for *exhibit only* will be requested to help defray expenses of insurance and exhibit.

In all cases, except the "Exhibit only" items, the contributor will be expected to put a sale price on the donated articles.

DEAN BLAUG TO PRESENT PHARMACY PAPERS

Dr. Seymour M. Blaug, Dean of the UNC School of Pharmacy will present two papers to the clinical and research staff of the Beecham-Massengill Laboratories, Bristol, Tennessee on February 24th.

Dean Blaug's presentations are: "Bioavailability" and "Oral Inhalation of Powders—the Spinhaler."

For eighty-nine years

. . . . *since 1885*

Seeman

OF DURHAM

Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."



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NO TOOLS NEEDED.

Empirin® Compound 250's still have easy-open, easy-close, fiddle-free caps



Good sales sense

No need to create cap-opening difficulties for people who can't cope with child-resistant closures. The elderly and the handicapped. Households without children. (To accommodate these users, each manufacturer of aspirin-containing analgesics is permitted by law to make one size available without a safety closure.)

The Empirin Compound 250 tablet bottle is the right choice for them. Easy to open. Easy to close. Easy to take.

Good profit sense, too

Every Empirin Compound "250" you sell can bring you a profit of up to $1.10* Yet one facing uses only 4⅝ inches—scarcely more than most analgesic 100's do.

Make the most of every analgesic inch on your shelves. Make it with Empirin Compound 250's.

*Based on suggested list prices.

Wellcome

Burroughs Wellcome Co.
Research Triangle Park
North Carolina 27709

CONVENTION ENTERTAINMENT TO BE SPONSORED BY THE WHOLESALE DRUGGISTS OF NORTH CAROLINA— MONDAY, APRIL 14—WINSTON-SALEM



PAR FOUR QUARTET

As you might expect, the *Par Four* has some pretty fair golfers—a couple anyway who shoot in the seventies—and as you might not expect—a couple who'd be lucky to break a hundred. Some of their individual activities, past and present, include the Honolulu Open, Semi-finalist in International Barbershop Quartet Contest, supervisor in manufacturing company; pianist in a dance band, vice-president in local firm, chorus director; Air Force pilot, Jr. High basketball coach, engineer; Marine Sergeant, Quarter finalist in International Barbershop Quartet contest, co-owner of local manufacturing company. Four veteran barbershoppers—the *Par Four.*

An 8:00 P.M. Convention Feature



D. L. Hiatt's phasing sounds will appear at 9:00 P.M.



When the choice is yours...

Squibb Guaranty of Professional Liability Protection

Should any liability action arise, involving a pharmacist who has properly filled an open or branded prescription with a Squibb Pharmaceutical product, E. R. Squibb & Sons, Inc. will provide legal advice and/or defense as necessary, provided the product has been properly handled and stored.

SQUIBB

E. R. Squibb & Sons, Inc.

...the responsibility is ours.

These are not mere words. They are a pledge that both the patient and you are protected when high-quality Squibb products are dispensed. See your Squibb Representative for details about this exceptional program.

SQUIBB® "The Priceless Ingredient of every product is the honor and integrity of its maker."™

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THE FREDDIE LEE ORCHESTRA

A Tuesday night, April 15, convention entertainment feature sponsored by The Traveling Men's Auxiliary of the North Carolina Pharmaceutical Association.

Organized in Roanoke (1949) with seven musicians, the orchestra has grown to twelve members featuring the sound of the Big Band Era. In tune with the times, the group includes today's contemporary rock along with the ever popular *Dixieland* music. Of course, dancers are treated to an occasional Latin number, Polka or Waltz.

The Freddie Lee Orchestra is heard consistently for National Conventions at the world famous *Greenbrier* and *Homestead* Hotels. Also, at the Hotel Roanoke for many society affairs. Considered a fine theater orchestra, the group has been employed for "Holiday-on-Ice," "The Bob Hope Show," "The Nipsey Russell Show," "The Isaac Hayes Show" and for many well known acts such as Barbara Eden, Bob McGrath (Sesame Street) Jill Corey, June Valli, Jack Haskell and others.

For the past ten years Freddie Lee and his orchestra has been an integral part of the Miss Virginia Pageant viewed by thousands on a Virginia television network.

A member of long standing is *Rusty Nichols*. In earlier days he appeared as featured singer with Charlie Spivak and Jimmy Dorsey.

They keep saying the big bands are coming back. The Freddie Lee Orchestra has never left . . . and will aways be around as long as there is a reception for The Big Band Sound.



STP

Shelf Labels
Turnover Reports
Price Stickers

Another SMITH Service that will provide you shelf labels and price stickers for every item ordered. Supplied in invoice sequence.

PHARMACY

ACCOUNT SERVICE

*GOOD RECORDS FOR YOUR CUSTOMERS—A proven accounts receivable system—Designed from the ground up for your needs —by the folks who went to computers in 1958. Better collection for you and prescription tax records for your customers. You also automatically earn interest on past due accounts if you desire.

PHARMACY

ADVERTISING PROGRAM

HOW'S YOUR RETAIL IMAGE?—Good? Bad? Indifferent—Consult your Smith Representative about our Associated Druggist Program. Some of the advantages of this program are hometown newspaper advertising—buying advantages—clerk training program—In store promotion materials and store advertising fliers.

Just three of the many SMITH services

Also ask about retirement, group hospitalization and major medical.

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DIVISION OF SMITH DRUG COMPANY

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GAFFNEY	**487-4949**	**ANDERSON**	**646-3641**

SPARTANBURG, SOUTH CAROLINA 29301

NCPhA TO SPONSOR TOUR TO APhA MEETING IN SAN FRANCISCO

What could be more exciting than a trip to San Francisco? Of course, a trip to San Francisco with friends and associates. On April 19-25, the NCPhA will sponsor a tour to the Annual Convention of the APhA (and joint meetings of ASHP, AGP, ACA and AIHP). The accommodations for the group will be the historic Sheraton Palace Hotel, located on Market Street in the center of the shopping district, near the famed cable cars and only a few short blocks from the convention hotels. With the cherry trees in full bloom in Golden Gate Park, the thrill of Chinatown, the excitement of North Beach, the pleasure of some of the worlds finest restaurants and the rush of crowds on Fishermans Wharf under the shadow of the Golden Gate Bridge, never a dull moment will be experienced! A side tour to Muir Woods and Sausalito is also provided.

One of the nicest features to the tour is the cost. The price for the round trip air fare (leaving Raleigh, Greensboro, or Charlotte), double accommodations and Muir Woods excursion is only $398.00 per person. This is a savings of over $150.00 if the tour were purchased or planned separately. In addition, the tour will be escorted by Steve Moore, ridding you of the headaches associated with many trips. A side excursion to Las Vegas can be added onto the return trip for only $485 per person total. If interested, act today! All costs of the trip must be received by NCPhA by March 17 for inclusion in the tour. Contact the NCPhA today for more information!

ALAMANCE SPONSORS VALENTINE PARTY

The 15th Annual Valentine Dinner Dance party sponsored by the Alamance Pharmaceutical Society was, like all its predecessors —a grand night for fellowship, food and entertainment.

Held at the Alamance County Club, Burlington, the party was attended by members and their wives plus medical service representatives and their wives; guests from Chapel Hill, and representatives of various wholesale drug firms.

Master of Ceremony for the occasion was Jack G. Watts who, along with the Society's president, Walt Saunders, radiated the true spirit of St. Valentine's Day, as refreshments, prizes and goodwill were passed out in generous measure.

The party concluded with an unmatched performance by a local high school musical group and a dance.

SENIOR CITIZENS FEDERATION

Some pharmacists have queried the NCPhA about cards issued by the Senior Citizens Federation of North Carolina. Card states member "is entitled to all privileges of the Federation" but does not state, as some have represented, that member pays only 25¢ instead of the usual 50¢ Medicaid Rx co-pay. We have asked Mr. Ridout to get the facts but in the meantime, who pays the 25¢ you don't collect, when, and on what basis?

U.N.C. SCHOOL OF PHARMACY

MARRIAGES

Williams-Molic

Pharmacists *Lynne Anne Molic and Luther George Williams, Jr.*, both of Greenville, were married December 7 in the Saint Gabriel Catholic Church of that city. Mrs. Williams is with Pitt Memorial Hospital; Mr. Williams is with Big Value Drug Store.

Felts-Thompson

Miss Marcia Correll Thompson and *John Michael Felts* were married January 19th in the First United Methodist Church of Elkin. Mr. Felts, UNC School of Pharmacy graduate, is with Reveo Drug Stores of Eastgate Shopping Center of Albemarle.



Is this you, doing relief work?

Many pharmacists work in more than one store. That's fine!

BUT who's going to pay the legal fees if that customer claims an error was made?

It could be you!

Protect yourself! Obtain your own Professional Liability Policy from the company founded *by* pharmacists *for* pharmacists! Even though you don't do relief work, you can be held liable for any alleged mistakes at your regular place of employment. If you already have a professional liability policy, is it *Excess* or *Primary?* What's the difference?

The ADI insurance is *Primary*. That means in the event of a claim, we are there to defend you! Excess policies may or may not. Look for wording such as, "this policy shall apply only as excess over other valid and collectible insurance."

BE SECURE! SEND IN THE APPLICATION AT RIGHT TODAY!

The American Druggists' Insurance Company

APPLICATION FOR PROFESSIONAL LIABILITY FOR THE PHARMACIST

LIMITS $300,000 EFFECTIVE DATE_____

1. NAME_____

2. ADDRESS_____

3. TELEPHONE_____

4. EMPLOYER_____

ADDRESS_____

5. WHEN DID YOU GRADUATE FROM PHARMACY SCHOOL?_____

WHAT SCHOOL?_____

YEAR REGISTERED_____STATE_____

6. ARE YOU AN OWNER, PARTNER, OR CORPORATE OFFICER OF A RETAIL PHARMACY?
YES NO (CIRCLE ONE)

7. ARE YOU PRACTICING PROFESSIONALLY, FULL TIME OR PART TIME, ANY PLACE **OTHER THAN** A RETAIL PHARMACY? (FOR EXAMPLE, A HOSPITAL OR NURSING HOME)
YES NO (CIRCLE ONE)

8. DO YOU COMPOUND IN BULK, MANUFACTURE, OR WHOLESALE ANY DRUGS OR DRUG PRODUCTS?
YES NO (CIRCLE ONE)

9. HAVE ANY PROFESSIONAL LIABILITY CLAIMS BEEN MADE AGAINST YOU?
YES NO (CIRCLE ONE)

10. PLEASE GIVE THE DETAILS CONCERNING ANY "YES" ANSWER(S) ON QUESTIONS 6 THROUGH 9.

SIGNING THIS APPLICATION DOES NOT BIND THE COMPANY TO COMPLETE THE INSURANCE, BUT IT IS AGREED THAT THIS FORM SHALL BE THE BASIS OF THE CONTRACT SHOULD A POLICY BE ISSUED.

_____ _____
DATE SIGNATURE OF APPLICANT

PLEASE SEND COMPLETED APPLICATION, TOGETHER WITH CHECK FOR $75.
(PAYABLE TO AMERICAN DRUGGISTS' INSURANCE COMPANY)

FOR THREE (3) YEARS PRE-PAID PREMIUM. NOT SOLD FOR LESSER PERIOD.

SEND TO: HAMMETT INSURANCE AGENCY, INC.
P.O. Box 248
Concord, North Carolina 28025

RAMSEY

Fixtured Our Store For Efficiency . . .

. . . as Well as . . .

Up-to-date Sales Appeal With
Drug Store Fixtures by COLUMBUS Show Case Company

We have the answer to your needs with our:

CONSULTATION—We will work with you from rough ideas through a finished plan—we will carefully analyze your operational needs and potential, and recommend practical solutions.

DETAILED PLANNING—For a single department or a complete store we will prepare detailed plans ossuring you the most effective arrangement, the best traffic patterns.

INSTALLATION—We will supervise the installation of your new COLUMBUS fixtures to see that your selling environment is complete and workable in every detail.

Let Us DESIGN and Engineer Your DRUG STORE to PROMOTE and SELL Merchandise.

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513 East Trade Street
CHARLOTTE, NORTH CAROLINA
Telephone 704-334-3457



Dear W. J.:

Pharmacists have got to be the craziest professional people in the world. Since I am a pharmacist myself I feel free to make this statement, but I can't take credit for originating it. Wherever pharmacists congregate in a bitch session, grievance discussion, or whatever, somebody will invariably come out with this remark. It's a sad commentary but it need not stay this way. We all know it requires a good mind to become a pharmacist, so why should we close our minds and submit to situations that our collective actions could correct?

This safety cap or safety container problem is one of the most annoying things to come along recently. The customers hate them and this in turn annoys and frustrates the pharmacist. At our pharmacy, we went to the extra expense of converting several gross bottles to comply with the law. Our clerks have been instructed to demonstrate to the customers how relatively easy it is to remove the caps once you have learned the "trick." But some patients are adamant; they don't like them and they don't want to be shown. We even stick our necks out with the ones who object quite vocally and point out that more and more non-drugstore items are being put in safety containers (plus may OTC items), so it behooves the customer to take a few minutes to learn to handle these worrisome caps. And this brings me to the crux of my beef: if you make a purchase at the hardware, supermarket, variety store, or wherever, and the product is packaged in a safety container, that's it. Period. You can't request that the paint store clerk put your turpentine in another container. Or more correctly, you may request it, but you won't get it done. Not so at the drugstore. Your friendly neighborhood pharmacist doesn't already have enough problems so he takes on more: "Yes, ma'am, just let me stamp this statement on the back of the prescription and you sign it and I'll dig up an old cap for you somewhere." (Meaning one of the caps he paid 4½¢ to replace with a safety cap).

Now I'm all for good public relations but there is a limit to everything and this is sheer nonsense. Let the patient transfer the pills when he gets home and make it his responsibility rather than the pharmacist's who is already staggering under an increasingly heavy load of responsibilities. The original premise of safety containers had some validity, but the program is not working. Witness the cliché joke the safety containers spawned: if you can't open the bottle, hand it to a three year old. My thinking is a medicine cabinet with a lock on it makes more sense than so-called safety caps.

While I'm on the proverbial soapbox, let me add some thoughts on another irksome situation. I hope some consideration will be given at the state convention to the N. C. pharmacists going on record as strongly recommending that physicians write *one* prescription on *one* blank. A copy of the resolution, if passed, should be sent to the State Medical Society. Writing CII's on the same blank with CIII's, CIV's and CV's (and sometimes two CII's on the same blank) along with regular drugs necessitates the pharmacist's copying them over. This may be necessary to comply with the law or it may simply be good procedure to reduce the margin for error when refilling with up to five prescriptions written on one blank. It would only add a few seconds to the physician's time to write each prescription on a separate blank. I personally feel that pharmacists would win added respect by bringing these facts to the physicians' attention. Unfortunately, too many of our members are afraid to "rock the boat." We all know that regulations are for physicians and pharmacists alike, and our recommendation, properly presented would probably be appreciated by most.

Phil Link
Link Brothers Pharmacy
Reidsville

It even looks like a long-acting nasal spray.

Now from Geigy...

Otrivin®
xylometazoline HCl NF

Long on action, short on doses.



The long action of Otrivin is even reflected by its package. It's the one that stands head and noses above the others on your shelf.

Otrivin is now marketed by Geigy and will be heavily promoted to physicians. Its long action and distinctive packaging will be emphasized in detailing, medical journals, and in the mail.

So be prepared for more Otrivin prescriptions. Order a full supply from your wholesaler now.

Indications: For decongestion of the nasal mucosa. **Contraindications:** Narrow-angle glaucoma. Concurrent MAO inhibitor therapy. Tricyclic antidepressant therapy. Hypersensitivity to any component. Sensitivity to even small doses of adrenergic substances as manifested by sleeplessness, dizziness, lightheadedness, weakness, tremulousness, or cardiac arrhythmias. **Warnings:** Systemic effects may occur if given in excess. They are most likely to occur in infants and the elderly. Use very cautiously in patients with hypertension, heart disease, angina, hyperthyroidism and advanced arteriosclerotic conditions. Overdosage may produce profound CNS depression in children, possibly requiring intensive supportive treatment. *Usage in Pregnancy:* Safe use of Otrivin, brand of xylometazoline hydrochloride, has not been established with respect to fetal development. It should not be used in women of childbearing potential or during early pregnancy unless the potential benefits outweigh the possible hazards. **Precautions:** Use sparingly in all patients, particularly infants, children and the elderly. **Adverse Reactions:** Burning, stinging, dryness of the nasal mucosa, sneezing, palpitations, tachycardia, cardiac arrhythmias; increase in blood pressure; headache, lightheadedness, nervousness, insomnia, blurred vision, drowsiness, CNS depression. Prolonged or excessive use may cause rebound congestion. (B) 6602 (6/74)

For complete details, including dosage, please see full prescribing information.

GEIGY Pharmaceuticals
Division of CIBA-GEIGY Corporation
Ardsley, New York 10502

SA 10165

DISASTERS

Major and Minor

RALEIGH

Kerr Drugs, South Hills Mall. Thieves battered a hole in the wall of the pharmacy and escaped with about $1000 in currency, radios, watches and drugs which were stored in a safe.

WARSAW

Warsaw Drug Store. The pharmacy was robbed for the second time in six months on January 10. Cash and merchandise, mainly drugs, valued at over $1000 taken in the robbery. Entry by way of the roof.

CONCORD

Parks Pharmacy. Two 17-year-old youths have been charged with the theft of $850 in drugs from the pharmacy.

EAST BEND

Schlagel's Pharmacy—Controlled substances, including antibiotics and birth control drugs, valued at more than $800 taken in a late January robbery at the pharmacy.

ASHEBORO

Kearn's Drug Store. Cash, drugs and an assortment of merchandise valued at $275 taken from the pharmacy in a breaking and entry robbery.

KENANSVILLE

Kenansville Pharmacy—Thieves broke a front glass to gain entry to the pharmacy, then removed an estimated $2000 in assorted drugs.

LEXINGTON

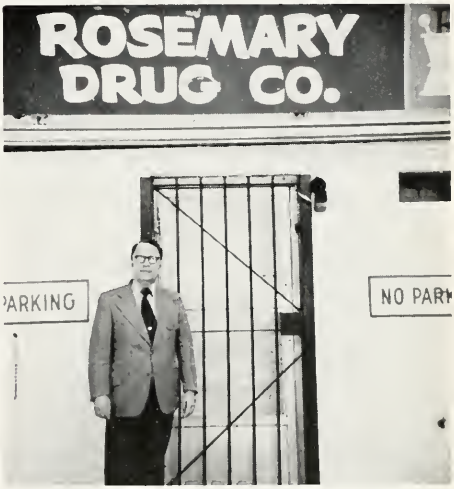
Mann's Drug Store. For shoplifting a pair of sunglasses worth $8.00, Stanley Zellers received an active prison term of six months.

HENDERSONVILLE

Medical Park Pharmacy. Drugs valued at $3,500 reportedly taken in a break-in. Three persons were arrested in connection with the theft.

CHARLOTTE

Eckerd Drug, Freedom Mall—An undisclosed amount of cash taken in a robbery of the store's cashier.



Pharmacist Calvin Floyd, owner-monager of the Rosemary Drug Company, Roanoke Rapids, is pictured with a recently installed joil door ot the rear entronce to the pharmacy.

Thieves have made a wide sweep through the area but not Rosemary Drug. Calvin attributes this to the psychological impact of the joil door as well as the protective security.

A pharmacist reports it is common knowledge on the streets of Baltimore that entrance to any N. C. pharmacy can be gained with a letter opener.

DISPENSING INFORMATION TAKES ON A NEW PERSPECTIVE

Recently, the legal departments of both A.Ph.A. and A.M.A. distributed reports of a law suit in which both a physician and a pharmacist were held liable because a patient was not warned about the side effects of a drug that was prescribed and dispensed. The patient was injured because she improperly used the drug.

The pharmacist, as part of his legal defense, pleaded that "he was not licensed nor trained to advise patients as to side-effects or to be knowledgeable of and inform the patient about package insert information." The pharmacist's defense was not upheld and he was judged liable, along with the physician, for not properly counseling the patient about the drug to be taken.

Obviously, the pharmacist cannot shirk his responsibility to the patient from the standpoint of protecting the patient's health. A growing number of court cases such as this explode the fallacy of feigning ignorance and trying to hide behind the counter and pass liability on to the physician for patient consultation concerning drugs. No longer can a pharmacist blindly accept a physician's mandate that nothing be communicated to the patient about a drug being dispensed. The pharmacy profession long ago decreed that patient consultation is a professional responsibility. Now, the courts have ruled that it is a legal responsibility, subject to financial liability for failure to properly consult with a patient. The door to a whole new world of malpractice has just been opened and every prescription will now be a potential liability.

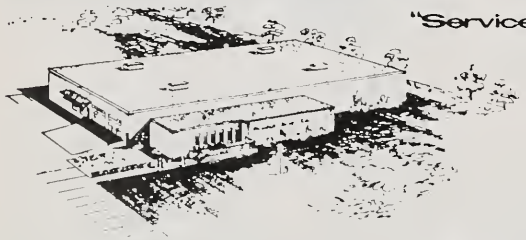
Dispensing Information, appearing in USP XIX for the first time, takes on a whole new perspective in the light of this recent court decision.

It would be foolish to suggest that a pharmacist must consult with a patient on every prescription. But, it is now written in law and proclaimed by our professional peers that there are instances in which a pharmacist must face a patient and personally communicate the information that will protect a patient from the drug that will be taken.

Dispensing Information in USP XIX guides the practicing pharmacist in consulting with patients. This information is not meant to be revolutionary. Nor does it purport to be great new discoveries of drug information. What it is, is down to earth, practical information that will aid the pharmacist in fulfilling his professional and legal obligation to counsel patients. And it carries the prestige and endorsement of the official compendia of the United States.

USP XIX, as never before, will be the cheapest liability insurance a pharmacist can buy. The argument that the USP is useless just won't hold water anymore. Pharmacists will find that USP XIX is the foundation on which to rest the responsibilities that recent court decisions have specified for the practitioner.

Pharmacists wishing to purchase USP XIX should send their order to the state pharmacy association headquarters. USP XIX will cost $25.00 and checks should be made payable to Mack Publishing Company. Or, Mack Publishing will bill the purchaser after the book(s) is(are) shipped.



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PHARMACEUTICAL FREE ENTERPRISE IN ACTION

• The pharmaceutical industry is a classic example of free enterprise in action.

• The pharmaceutical industry will cooperate with the government in providing health care for the indigent and the aged.

• The pharmaceutical industry has been and will continue to respond to the medical and scientific challenges that have faced civilization in the past, and that will confront it in the future.

That was the three pronged thrust of a speech delivered by Michael Bongiovanni at a recent meeting of the Pharmaceutical Advertising Club, in New York. Bongiovanni is the president of the U.S. Pharmaceutical Company of E. R. Squibb & Sons, Inc.

According to Bongiovanni, the most dramatic illustration of pharmaceutical free enterprise in action during 1974 was two ply: the industry's response to the energy crisis —it conserved its energy sources and stretched its petro-chemical products—and its closing of the ampicillin gap after "the producer which had 60 per cent of the market had to temporarily shut down its operation."

In replying to the government's intention of establishing a program of price ceilings and reimbursement for drugs, Bongiovanni called the U.S. government's intention "noble," characterized the proposal as "human," and suggested that the industry should help.

"When you look at the government's proposal in its simplistic form," (to supply health care products at a reasonable cost to the old and the indigent) "that's a pretty tough thing to fight.

"While the goal is noble, the execution is rather human. We consider True Acquisition Costs as a total disaster. It's afflicted with the three C's—the problems of cost, confusion and counterproductivity.

"If the government is stating its case properly, then we see batteries of equipment, cadres of people, the cost of which will far outweigh any savings that could be achieved. In the matter of confusion, if there is going to be adequate monitoring of this program, then every prescription that is written in this country has to have proof of performance, proof of purchase. That means another piece of paper for every prescription. If you don't think that this isn't going to create chaos then you don't understand the implications of the government proposal.

"Further, what do you think the pharmacist (who often ends up in the middle) is going to charge, for example, for a prescription, when he's just finished taking pills from a bottle he bought at one price from a wholesaler, and has to fill out the specifications from a bottle he's bought directly from the manufacturer. Does he charge less or more? Where are the guidelines? I only cite this to illustrate some of the pitfalls, the potential problems that will arise from these proposals.

"True Acquisition Cost is a counterproductive measure. We think that in the drug industry, at least, the competitive system is working.

(Continued on Page 26)

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FREE ENTERPRISE IN ACTION

(from Page 25)

"I'd like to cite some figures . . . from the consumer price index. Using the base year 1967 as 100, you ought to know that all items as of 1973 were at a level of 136.6. In prescriptions and drugs it's 106.

"Once you introduce True Acquisition Costs, the competitive system is destroyed. Because then you are saying that you don't have to take any time or effort to get the best possible price. You don't have to pit one manufacturer or one supplier against another. All you have to do is show proof of purchase, and the government will pay you.

"Therefore, if I were doing the buying I would take the easiest and simplest way to get material. All I'm going to get out of it is the cost of material and my fee. So we see True Acquisition Costs as being counterproductive to the very things that the government is apparently trying to do."

Bongiovanni went on to suggest that the industry work with government to achieve the altruistic objective by modifying the True Acquisition Costs portion of MAC into something that is "fair and reasonable" for all concerned.

The Squibb executive concluded his address by asserting that the pharmaceutical industry will work with government to help make its MAC program feasible and workable; that the pharmaceutical industry will continue, despite the high cost of research, energy and solvents, to keep its costs reasonable, and that as long as there is sickness, disease or pestilence, the pharmaceutical industry will be prepared to minister to it.

$420 IN CASH STOLEN

Pharmacist Joseph F. Bland, Arthur's Pharmacy, High Point, reported a man snatched $420 out of the pharmacy's cash register and ran.

Bland said four persons, all black, entered the pharmacy and while some of them diverted the attention of employees, one man got the bills from a partially open cash register drawer.

Ms. WOO GUEST SPEAKER AT NORTHEASTERN MEETING

Ms. Lillian Woo, Consumer Center of North Carolina, was guest speaker at the February 12 meeting of the Northeastern Carolina Pharmaceutical Society held in Williamston at the Roanoke Country Club.

The speaker discussed the importance of drug bioequivalence, massive drug sampling to MDs and the wide variation in drug prices from different distributors but produced at a single source.

Ms. Woo expressed interest in legislation requiring mandatory posting of prescription prices. One question raised was how to compare generically available drugs by price when therapeutic equivalence is not assured. Many pharmacists in attendance felt this problem of bioequivalence should be assured prior to plans allowing the consumer to choose a product solely on price.

New officers installed at the meeting: President, John Stallings; Vice-President, Joe Minton; Secretary-Treasurer, Ray Bonney.

Expressions of appreciation were extended to the immediate past president, John Mitchener, III, for commendable attention to his official responsibilities this past year.

BRADSHAW HEADS HOSPITAL PHARMACISTS

Foy Bradshaw, director of pharmacy services at Edgecombe General Hospital, Tarboro, has been installed as president of the North Carolina Society of Hospital Pharmacists for the coming year.

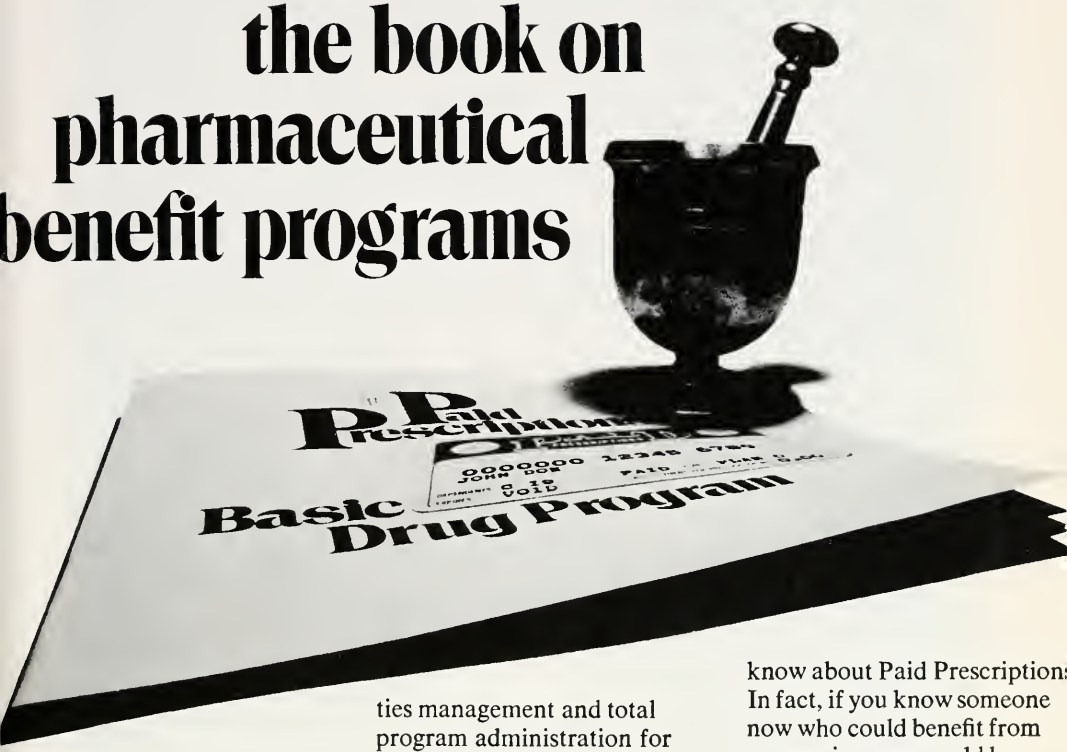
The president-elect is George Willets of Chapel Hill. Steve Caiola of Chapel Hill succeeds Fred Eckel as Secretary Treasurer.

William Oakley, New Bern, is the immediate past-president.

THE 1975 CONVENTION

For preliminary details of the 1975 Convention of the NCPhA and Affiliated Auxiliaries, see pages 6 through 15.

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Burroughs Wellcome Co. is sponsoring nationally the highly acclaimed television program, MEDIX.

MEDIX is a weekly 30-minute series on medicine and health, designed to provide the American public with health care information that will help them live normal and healthy lives.

John Cosgrove, Executive Producer of MEDIX for Dave Bell Associates, said each weekly program will deal with a subject that should be of interest to most concerned individuals. Some of the topics covered in various programs: advice on how to react in emergency or accident situations; new ways of dealing with weight problems; what a patient should know about a physical examination; how to safeguard sight and hearing; new findings about sleep and dreams; and many more.

In 1972 and 1973, MEDIX received an "Emmy" from the Hollywood Chapter of the Academy of Television Arts and Sciences for achievement in a Community Affairs Series. Three additional nominations for an "Emmy" have been received as well as numerous awards and commendations for distinguished public service broadcasting including the Howard Blakesley Award of the American Heart Association. MEDIX has been recognized by major health organizations as a commendable and important public service series including recognition from the American Medical Association, the Red Cross and the March of Dimes.

MEDIX is produced in cooperation with the Los Angeles County Medical Association and program content is authenticated by a committee of Los Angeles County Medical Association physicians. Many of the programs have been produced in cooperation with leading health-related organizations including the National Kidney Foundation, the American Heart Association, the California Dental Association, the American National Red Cross, the Arthritis Foundation, the National Foundation—March of Dimes, the Epilepsy Foundation, and the American Cancer Society.

FITNESS FUN FOR ALL was the first of 26 broadcasts sponsored by Burroughs Wellcome. Other programs include:

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THE SEEING EYE
HOW DRINKING AFFECTS DRIVING
HOW TO TAKE IT OFF
SLEEPS AND DREAMS
COUNT BACKWARDS FROM 100 . . .
PAIN
HOW DO YOU HEAR
IF YOUR CHILD WERE DEAF
WHEN KIDNEYS FAIL
DISASTER DRILL
OBJECTIVE: HEALTHY BABIES
YOU'RE BEING ASKED
SO OLD THE PAIN
HEALTH QUIZ
THE PHYSICAL
THE DEADLIEST DRUG
YOUTH GIVES A DAMN
WHAT DO YOU KNOW ABOUT TEETH?
AUTISTIC CHILDREN
A FITNESS FUN-FOR-ALL
THE DAY OF TWO DOCTORS
THE COMPLETE HEART
WITH A LITTLE HEALTH FROM OUR FRIENDS
CHALK TALK WITH A JOCK DOC
THIS IS AN EMERGENCY
THE DIFFERENCE IS—NOW THEY CAN WALK

PHARMACY RESEARCH GRANT EXTENDED

A continuation grant in the amount of $12,868 was received by the UNC School of Pharmacy. The National Institute of Arthritis and Metabolic Diseases grant supports research dealing with alkoxy and alkenyloxy glyceryl ethers and derivatives.

Dr. Claude Piantadosi, Head, Division of Medicinal Chemistry, is principal investigator.

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The need and desire for pharmacist continuing education is ever increasing. The UNC School of Pharmacy has been active in providing continuing education programs wherever and whenever possible. Our faculty is most willing and able to present interesting and effective courses and seminars to groups of pharmacists on request.

The enclosed listing indicates topics and speakers which may be of interest to your group. If so, simply write to me at the School or call to set up a program. Our phone number is (919) 966-1128 or 966-1121. There is no charge for these presentations.

To facilitate appropriate planning, please provide the following information: (1) Name of your organization (2) Topic and speaker desired (3) Date and time (4) Two alternate dates (5) Number of participants expected (6) Place of presentation (7) Address and telephone number of person coordinating local programs.

Write: Claude U. Paoloni, Director, Continuing Education, School of Pharmacy, University of North Carolina, Chapel Hill, North Carolina 27514. (919) 966-1121.

TITLE: Pharmacy Public Relations HOURS: 1-3

INSTRUCTOR: Mr. Leonard Berlow, Assistant Professor, Director of Drug Education and Public Relations

These are presentations regarding the public's attitudes of pharmacy and pharmacists. It would involve "how to" information and suggestions for improving the image and confronting problems which appear to be on the increase.

TITLE: Drug Education Problems HOURS: 1

INSTRUCTOR: Mr. Leonard Berlow, Assistant Professor, Director of Drug Education and Public Relations

Drug Education involves the pharmacist's role in community programs relating to this problem.

TITLE: Curriculum Changes-Issues and Problems HOURS: 1

INSTRUCTOR: Mr. LeRoy Werley, Assistant Dean

A review of recent changes made in the School of Pharmacy curriculum to comply with the revised Accreditation Standards of the American Council of Pharmaceutical Education. Discussion of the issues resulting from those changes and the problems involved in attempting to plan and project up to date degree programs.

TITLE: Ethical Crisis in the Professions HOURS: 1

INSTRUCTOR: Mr. LeRoy Werley, Assistant Dean

There is a need to specify professional ethics in terms of general rules and norms —ethics are relevant to professional behavior and practices. Professional schools and Educational Programs must emphasize the responsibility and authority that accompanies professional practice involving moral obligations and standards of conduct.

In a time when irregular behavior, illegal acts and misrepresentation flourish throughout the country it is important that special emphasis be placed on the area of professional ethics.

TITLE: What are the Pharmacy Graduates' Credentials? HOURS: 1

INSTRUCTOR: Mr. LeRoy Werley, Assistant Dean

Many pharmacy degree programs vary in scope and content, dependent in part on the philosophy of the individual schools and the specific role model. There must be some uniformity among schools to permit general acceptance of the pharmacist as a member of the health care system. Of primary concern is the lack of recognition by other health professionals and by health care consumers, of the role for which we expect our graduates to assume. Is he prepared for the real world of medical needs and health care systems or is he to be placed in a void where his professional training and background are not acceptable for the role he hopes to perform?

TITLE: Drug Information HOURS: 2

INSTRUCTOR: Mr. Ben Williams, Director of Drug Information Program

Part I—Lecture and Discussion

1. Determining the actual drug information question needing response
2. Drug literature searches and emphasis on textbooks, abstracts and some work with abridged Index Medicus
3. Evaluation of drug literature for completeness, accuracy, faculty study techniques
4. Answer communication techniques
5. Capturing physician-patient interest in asking questions
 a) drug bulletins
 b) patient pamphlets

Part II—Practice groups answer drug information questions using sources mentioned Group leaders pose questions which small groups use texts to answer and report back to whole group

TITLE: Drug Interactions HOURS: 1

INSTRUCTOR: Mr. Ben Williams, Director of Drug Information Program

1. Varying significance of interactions
2. Books and manuals available and effectiveness of sources
3. Mechanisms of drug interactions
4. Review of drug interactions of major significance
5. Search strategies for pharmacists to use for drug interactions

TITLE: Drugs Affecting the Autonomic Nervous System HOURS: 1-7

INSTRUCTOR: Dr. George Cocolas, Professor of Medicinal Chemistry

A discussion of the mechanisms of autonomic innervation and the effect of drugs in modifying the activity. The topics will include drug categories and stress the medical application of the drugs. Also included will be discussions on the side effects of drugs because of their effect on the autonomic nervous system.

The duration of this topic can be as brief as one hour or as long as several hours depending on the depth and detail of the information desired. A possible outline may be as follows:

1. Review of autonomic nervous system
2. Cholinergic drugs
3. Cholinergic blocking agents
4. Adrenergic agonists
5. Adrenergic blockers
6. Drugs affecting the adrenergic mechanism
7. Autonomic side effects manifested by other drugs

Each of these topics can be given as a one hour presentation or incorporated in one evening's lecture.

TITLE: Antitumor Agents

Penicillins and Cephalosporins (B-lactam antibiotics) HOURS: 1-3

Antidepressants-Agents

INSTRUCTOR: Dr. Khalid Ishaq, Assistant Professor, Medicinal Chemistry

The discussion will include a brief survey of various classes of medicinally available agents, their clinical use and their mode of action.

TITLE: Biochemical approaches to Medicinal Chemistry Research HOURS: 1

INSTRUCTOR: Dr. Claude Piantadosi, Professor and Head, Medicinal Chemistry

The development of many drugs (sulfa drugs, tranquilizers and antidepressants, hormones and control of body functions, chemical transmitters and the control of blood pressure, antibiotics) involves the study of the interaction between drug molecules and the living cell. The role of the biomedical sciences focuses on biological systems, to find out how they function on health and disease.

TITLE: The Chemistry and Biology of Nucleic Acids HOURS: 1-2

INSTRUCTOR: Dr. Claude Piantadosi, Professor and Head, Medicinal Chemistry

Some of the most spectacular and significant advances in modern biochemistry in recent years has been studies on nucleic acids, an important group of biological polymers of ubiquitous occurrence. This lecture will deal with chemistry and function of two types of nucleic acids—deoxyribonucleic acids (DNA) and ribonucleic acid (RNA) in normal and disease states.

TITLE: Mechanisms of Actions of Antibiotics HOURS: 1-2

INSTRUCTOR: Dr. Claude Piantadosi, Professor and Head, Medicinal Chemistry

To discuss some medically important antibiotics and to explain their mechanism of action.

TITLE: Status of Continuing Education for Pharmacists HOURS: 1-2

INSTRUCTOR: Claude U. Paoloni, Assistant Professor and Director, Continuing Education

Pharmacist continuing education is becoming more relevant in today's practice. A number of states have already made this a mandatory requirement for relicensure. North Carolina is actively investigating the need and possibility of mandatory continuing education. This presentation includes discussion of various continuing education programs now in effect and opportunities for North Carolina pharmacists to participate either on a local or other basis.

TITLE: Pharmacist and the Area Health Education Center (AHEC) HOURS 1-2

INSTRUCTOR: Claude U. Paoloni, Assistant Professor and Director of Pharmacy AHEC Programs

The AHEC system in North Carolina is now active and expanding. Pharmacist participation is a major part of these programs from both patient and continuing education aspects. These centers can be the focal point of a great many programs of importance to pharmacists. One feature will be the ability to work closely with preceptors, intern/externs in convenient geographical areas. The AHEC program has many features of interest to pharmacists which will be discussed in this presentation.

TITLE: Pediatric Pharmacy HOURS 1-2

TITLE: Immunosuppression and Cytotoxic Drugs HOURS: 1-2

TITLE: Infectious Diseases HOURS: 1-2

INSTRUCTOR: Dr. Candace Bryan, Instructor, Clinical Pharmacy

TITLE: Drug Therapy of Fungal Infections HOURS: 1-2

TITLE: Drug Therapy in the Geriatric Patient HOURS: 1-2

TITLE: Helping Assure Compliance Through Patient Education HOURS: 1-2

INSTRUCTOR: Mr. Stephen M. Caiola, Assistant Professor of Hospital Pharmacy

TITLE: Drug Therapy and Coronary Artery Disease HOURS: 1-2

TITLE: Drug Therapy and Essential Hypertension HOURS: 1-2

TITLE: Clinical Pharmacy and the Community Pharmacist HOURS: 1-2

INSTRUCTOR: Mr. Charles C. Pulliam, Assistant Professor, Clinical Pharmacy

TITLE: Drug Therapy of Chronic Obstructive Pulmonary Disease-Asthma, Emphysema, Chronic-bronchitis HOURS 1-2

TITLE: Antacids—Their Place in Ulcer Therapy and the Role of the Pharmacist in Drug Selection and Usage HOURS: 1-2

TITLE: Anticoagulants—Use, Abuses and Interactions HOURS: 1-2

INSTRUCTOR: Mr. William R. Garnett, Instructor, Clinical Pharmacy

TITLE: Contact Lenses HOURS: 1-2

(Available after May 15, 1975)

INSTRUCTOR: Seymour Blaug, Ph.D., Dean

There are over 6 million wearers of contact lenses in the United States. The safe and effective wearing of contact lenses requires the use of certain solutions. This lecture deals with the development of contact lenses, their therapeutic and cosmetic uses, and solutions used by wearers of contact lenses.

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VALDESE—Hugh Fletcher, president of the Valdese Drug Company, has been elected a member of the Burke County Savings and Loan Association.

MOUNT AIRY—David Larry Patterson, a graduate of the UNC School of Pharmacy, has been added to the staff of Hospital Pharmacy.

LUMBERTON—Eugene W. Hackney, a member of the NCPhA Executive Committee, has been elected to the Lumberton Advisory Board of Home Federal Savings & Loan Association. He succeeds Pharmacist J. C. Jackson, who is retiring from the Board.

RESEARCH TRIANGLE PARK—Burroughs Wellcome Company has contributed $30,000 to the North Carolina Zoo Society's drive to raise $4 million for zoo construction.

MOUNT AIRY—For the second time in ten years, Pharmacist John E. Mills has been named "Merchant of the Year" by the Mount Airy Merchants Association. The honor first came his way in 1965, then a repeat in February, 1975 for "solid performance and leadership for the community."

HIGH POINT—William C. Insh, CIBA medical service representative, was a guest speaker at a recent meeting of the Pilot Club of High Point. He discussed the importance of blood pressure check-ups.

During a recent clinic sponsored by the Club, of 745 people tested, 206 were referred to their physician for further evaluation.

WESTERN NORTH CAROLINA AUXILIARY BUSY

The W.N.C. Drug Club met in October at the Knife & Fork Restaurant. Mrs. Harry Dover was appointed Treasurer to replace Mrs. E. C. Brown. A rising salute of thanks was given Mrs. Brown for her many years of service. Libby Henry of the "Quality '76" program was guest speaker, and left members with this thought, "One person trying to improve the quality of life in Buncombe County is just too much to swallow, but if every person takes a bite and starts chewing now, there is nothing we can't fix by '76."

At the November meeting Sara Garmany was hostess with Lorene Dover assisting. Canned food was collected and taken to ABCCM (a church agency which distributes to the needy). After the luncheon, a card party was enjoyed.

In December a Christmas Party was held at the home of Mrs. Dover. Gifts were exchanged, and monies were collected for a fruit basket for Haven Rest Home. A letter was read regarding the Country Fair to be held at the State Convention.

In January the luncheon meeting was held at the home of Viller Beaman with Nina Bryan assisting. Members voted to participate in the Country Fair at the Convention. Also, plans were made to launch the club's participation in the Quality '76 Program. Members will design and plant an herb and medicinal garden at the local Children's Health Museum.

The February meeting, held at a local restaurant, featured a planning session for the Country Fair. Members will start meeting on Mondays to work on items to be sent to the State Convention.

REVCO OPENS AT WRIGHTSVILLE SOUND

A new Revco Discount Drug Center opened in the East Plaza Shopping Center at Wrightsville Sound in late January.

The new Revco unit is managed by Pharmacist Mike Wellons, assisted by Waldorf Crawley. The 7000 square foot store is the 78th in North Carolina for the chain.

DOINGS

OF THE AUXILIARIES

- CHARLOTTE—Mrs. W. B. Hawfield
- GREENSBORO—Mrs. Roger C. Barricks
- NEW HANOVER—Mrs. Ellen Mitchener
- WNC DRUG CLUB—Mrs. Phillip Crouch

CHARLOTTE

The Charlotte Woman's Auxiliary is having a happy and profitable year under the leadership of Mrs. Harry Bizzell. The club accepted and completed the project of furnishing the kitchen of the third home for the adult mentally retarded to be opened in Charlotte.

Joe Millsap, guest speaker in October, presented films of the zoo in Milwaukee and other cities, showing how ideas could be adapted to develop the North Carolina zoo. Members were encouraged to support the campaign to raise money to stock the zoo.

After a craft workshop at the November meeting, Mrs. Marilyn Maxson demonstrated and exhibited craft objects which she had made.

Mrs. Charles Jarrett and Mrs. Bruce Medlin were auctioneers for the bazaar at which gifts, crafts, baked goods, and plants were sold. Profits from the bazaar and other club projects supply the ways and means committee with funds to meet the budget, including the scholarship to the student at the UNC School of Pharmacy.

In December, members entertained their husbands with a covered dish dinner at the home of Mr. and Mrs. Douglas Corwin. It was announced that for the February meeting the club will entertain members and prospective members with a brunch at the home of Mrs. Bizzell. Mrs. J. W. Kirkpatrick, state president of the Woman's Auxiliary, will be a special guest.

GREENSBORO

The Greensboro Drug Club Auxiliary met January 28th for a luncheon meeting at the Quality Courts Motel. Hostesses were Mrs. J. Frank Pickard, Mrs. J. M. Egbert, and Mrs. E. H. Meade.

NEW HANOVER

The New Hanover County Pharmaceutical Auxiliary met at the home of Mrs. Lindsey Odom for their February 5th session.

In continuing the club's project on Mental Health, Miss Flo Stein from *OPEN HOUSE* was guest speaker.

OPEN HOUSE is a humanistic approach to drug problems offering intervention and peer counseling, and is available to adolescents from eleven to young people of twenty-five. It also provides a weekly clinic with eight local physicians contributing their services; local lawyers are also donating their time to explain legal difficulties and possible options. Other volunteers who work with a professional staff member, undergo forty hours of training.

There is also a referral service to other social agencies such as Front Street, the Department of Social Services, and the Mental Health Clinic. The *HOUSE* offers overnight shelter to those adolescents needing it.

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- **If interested in managing a pharmacy in a small Western North Carolina town for June, July and August, request details from the NCPhA. Plenty of time for fishing, rest and relaxation while earning a salary.**
- **Dr. L. B. Morton of Swansboro is interested in establishing a pharmacy in town. Call him for additional information.**
- **Relief pharmacist available. Research Triangle and surrounding area preferred. William C. Griffin, Box 10603, Raleigh, N. C. 27605. (919) 834-4840.**

RE MANDATORY CONTINUING EDUCATION:

ENOUGH IS ENOUGH

Dear W. J.:

In the current Journal you have asked for comments regarding the idea of compulsory continuing education. I feel very strongly about that or anything else compulsory being put over us.

Most of the pharmacists I know are reasonably intelligent, reasonably competent, and reasonably interested in their fellow men. Most of them are overworked, not usually overpaid, and are usually respected in their communities. It would be virtually impossible to practice pharmacy every day without learning something of practical value occasionally.

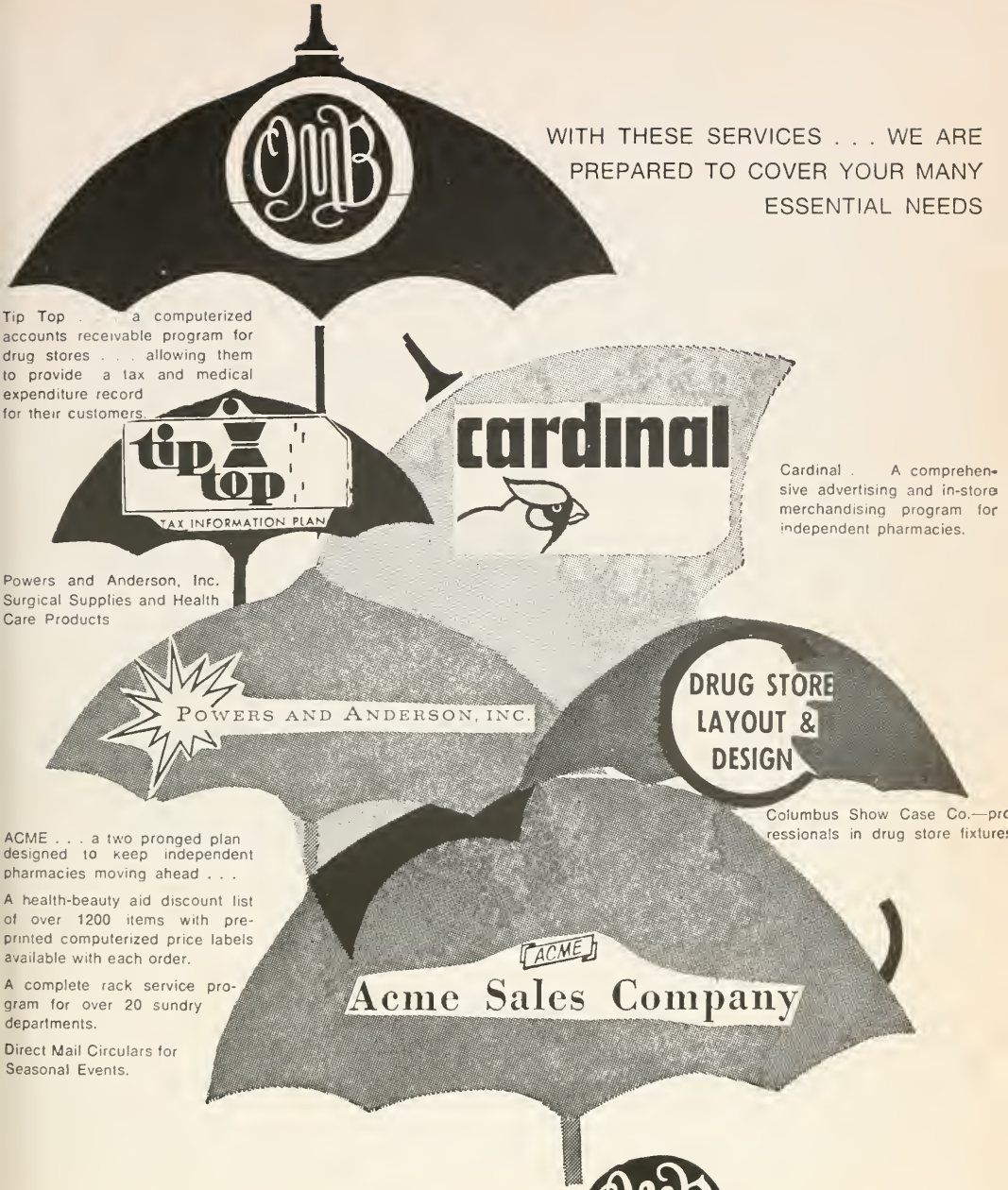
The key word here is "practical." For too long pharmacists have sat by complacently and let themselves be dictated to by government agencies, consumer groups, educators, and idealists. Enough is enough.

We now have mandatory safety caps, fees set by somebody else, complicated refill requirements, etc. Now we have a big push on in the legislature for posting prescription prices and allowing advertising. These things would just about finish pharmacy as a profession.

I personally use patient profile cards for every individual patient, but would never vote to make them mandatory. I recommend them to anybody who asks, but feel this is an individual decision that each and every pharmacist is competent to make for himself.

I do hope that if there is any sentiment in favor of this mandatory program, that every individual pharmacist in the state will be allowed to vote on it. I really believe that the practicing, retail, neighborhood pharmacists are competent enough to manage their own affairs.

Joe Barbour Jr.
Barbour Drugs
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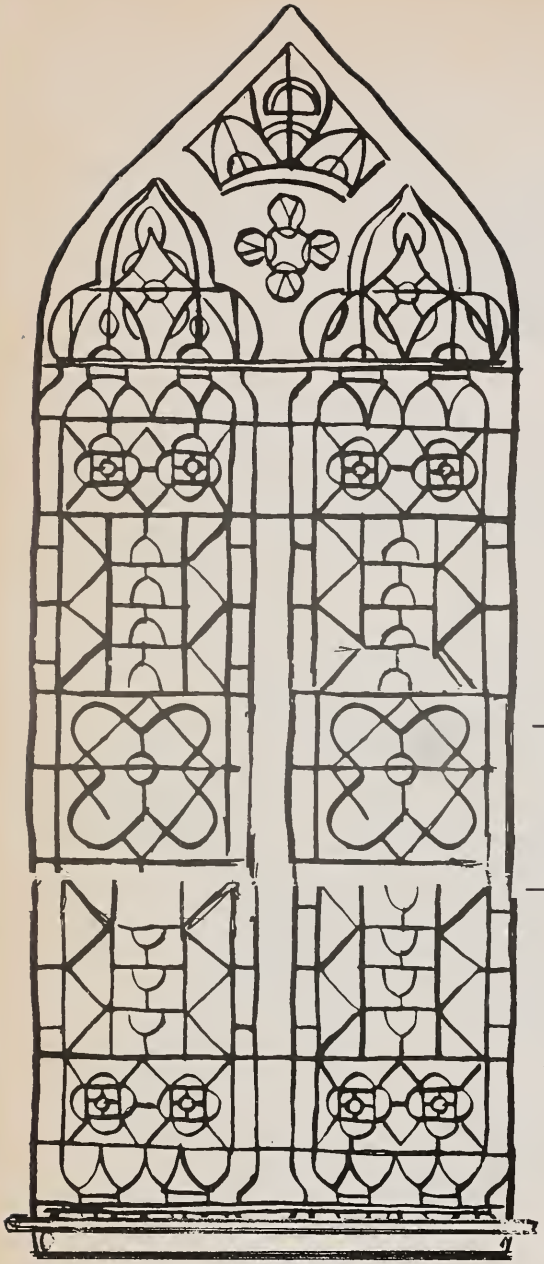
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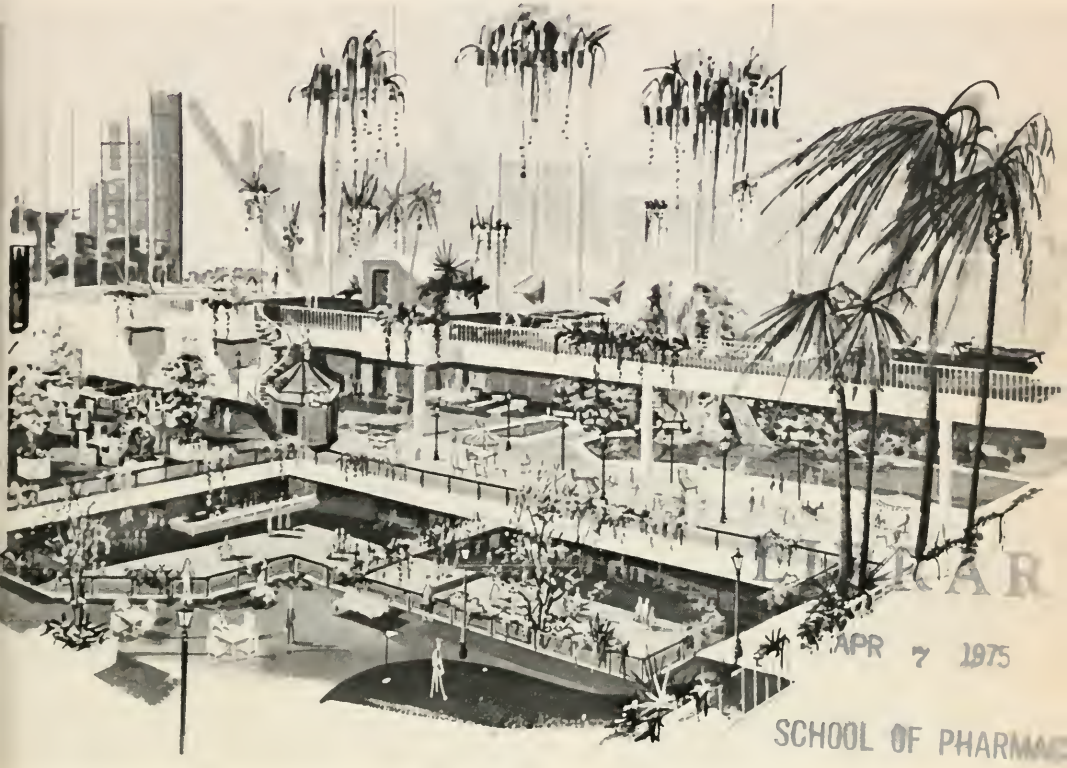
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WILMINGTON

The Carolina JOURNAL OF PHARMACY

Volume LV April 1975 Number 4



APR 7 1975

SCHOOL OF PHARMA

THE HYATT HOUSE, WINSTON-SALEM, NORTH CAROLINA

Headquarters for the 95th Annual Convention of the North Carolina Pharmaceutical Association & Affiliated Auxiliaries

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The Carolina JOURNAL OF PHARMACY

April, 1975

Vol. LV No. 4

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MEMBERSHIP RESULTS IN $400.00 DIVIDEND

If you are a member of the North Carolina Merchants Association, you are entitled to purchase Workmen's Compensation insurance coverage at a dividend-paying rate.

Recently, a pharmacist informed us that his current dividend check had amounted to more than $400.00. Other than the numerous services provided by the N. C. Merchants Association, the pharmacist was well pleased with the $400 return on a dues investment of $35.00.

ONE FOR THE ROAD, DAD

According to a news item appearing in The Virginia Pilot (January 21), Pharmacist Larry T. McCoy, Jr. entered the world of obstetrics when he delivered his child on the shoulder of the Norfolk-Virginia Beach Expressway.

While on the way to the Norfolk General Hospital, Mrs. McCoy gave birth to a seven pound, eight ounce boy with one person in attendance, her husband.

Larry, a 1963 graduate of the UNC School of Pharmacy, is associated with the Azalea Garden Pharmacy, Norfolk, Virginia.

Mother, father and child are all doing well. And for measuring up to the emergency situation, Pharmacist McCoy has enhanced the professional aspects of Pharmacy.

INCORPORATE

Six Forks Pharmacy, Inc., 3948 Browning Place, Raleigh. James R. Rogers III.

Foothills Pharmacy, Inc., 202-A Harper Avenue, N.W., Lenoir. Shirley May Mikeal and N. Spencer Mikeal.

Winco, Inc., Rt. 6, Box 166, Waynesville. James H. Winfree.

PMA URGES LAW TO IDENTIFY ACTUAL MANUFACTURER ON PRESCRIPTION DRUG LABEL

Support by the Pharmaceutical Manufacturers Association for a federal law requiring identification of actual manufacturers of prescription drug products on package labels may be the first such step taken by a national association of industrial firms, PMA President C. Joseph Stetler said today.

"Many consumers of prescription drugs would like to know the names of the firms on whose products their health may depend," he said. "And certainly doctors and pharmacists need to know who makes products available to them if they are to exercise informed judgment in selecting reliable medications."

PMA will work with professional associations of pharmacy to draft an appropriate amendment to the Food, Drug and Cosmetic Act, Stetler said, in noting that industry, pharmacy and medicine are in agreement on the policy. Such legislation has been considered by several states, but Stetler said that only an across the board federal requirement would bring about the desired uniformity.

CORCORAN ASSIGNED TO SK&F CHARLOTTE TERRITORY

Thomas D. Corcoran has been assigned to the Charlotte, North Carolina, territory as a Professional Sales Representative for Smith Kline & French Laboratories, the pharmaceutical division of SmithKline Corporation.

A 1969 graduate of the University of Virginia at Charlottesville, he holds a bachelor's degree in aerospace engineering. Before joining SK&F, he worked for Electronic Data Systems as a systems engineer.

Mr. Corcoran lives in Charlotte, with his wife, Sandi, and their daughter.

TWO ORGANIZATIONS MEET IN GREENSBORO

A combined meeting of The Guilford County Society of Pharmacists and The Greensboro Drug Club was held in Greensboro on March 13.

Guest speaker for the meeting was NCPhA Executive W. J. Smith of Chapel Hill who discussed the North Carolina Medicaid Pharmacy Service Program, MAC (maximum allowable cost), Health Clinics, Safety Closures, Crime involving pharmacy holdups and robberies, and the current North Carolina legislative program

Approximately 50 members of the two organizations were present for the dinner meeting.

HORNE'S DRUG STORE 50 YEARS AGO

By D. R. Davis, Sr.
Williamston, North Carolina

With the closing of Horne's Drug Store last January 1st, Fayetteville lost something far more than a drugstore. It lost an institution.

When I graduated in Pharmacy, fifty years ago this spring, I well remember that to most graduates seeking an outstanding store in which to work for a while to gain broader experience, Horne's was the number one choice. I understand it was the only store in North Carolina with five registered pharmacists and its' reputation was unexcelled.

Soon after I graduated a vacancy occurred there and to my great good fortune I was offered the job. immediately accepted, sight unseen.

My experience there was akin to an extended course in pharmaceutical training. During my first months I was delegated to the laboratory. Horne's manufactured many of their own preparations such as Sweet Spirits of Nitre, Aromatic Spirits of Ammonia, Tincture of Camphor, Tincture of Valerian, Ointments of Zinc Oxide, Mercury, Sulfur and many others. Later I worked in the prescription department with Mr. Warren Horne, Mr. Ruffin Horne, and Mrs. Beatrice Willis. Mr. H. R. Horne, the founder of the business, a kind, gentle and courtly gentleman of 82 years, would usually drop in, weather permitting, and sit for a while in his chair on the mezzanine. Young Ruffin, the last owner, a youngster of 8 or 9 years old, would often come by and walk home with his grandfather, for whom he seemed to have a great love and camaraderie.

I do not think I ever detected any friction nor did I hear a harsh or critical word among the Hornes, for they seemed to have great respect for each other, just as the people of the town had great respect for them. To have had the privilege of working there was an inspiration to me and a lesson in understanding and congeniality that was contagious. I shall be eternally grateful for the happy years of work with them.

For the people of Fayetteville to be without a Horne's Drug Store for the first time since 1865 must seem a little strange—and more than a little sad.

BLOOD PRESSURE EQUIPMENT DEMONSTRATED

Due to increased interest in blood pressure awareness by the general public, a recent meeting of the Alamance Pharmaceutical Society was devoted to a demonstration of the use of the sphygmomanometer.

Laura Thompson, R. N. and Director of Nurses at the killed Nursing Division of Memorial Hospital, and wife of pharmacist Dale Thompson, gave us one of the best programs in the technique of the use of the sphygmomanometer.

First there was a short movie explaining how the blood pressure apparatus works, the Do's and Don'ts in its use, and how to apply it. After the movie, each pharmacist was allowed to use the sphygmomanometer and take each others blood pressure with Mrs. Thompson observing and checking each person.

It was a most informative program and we highly recommend this type of continuing education program for each pharmacist.

The newly installed officers of the Society are: President, Walter K. Saunders; Vice-President, Roland Hargis; and Secretary-Treasurer, Jack G. Watts.

CONVENTION PROGRAM

REFER TO 12 PAGE SECTION BEGINNING ON PAGE 36

PRACTICAL TRAINING IN THE SCHOOL OF PHARMACY CURRICULUM

A. Wayne Pittman, Instructor

During the past year the students and faculty of the School of Pharmacy have been confused, apprehensive, and excited regarding rather extensive changes in the curriculum structure. In the new curriculum, almost all the basic science and biomedical science courses will be presented in the first four years. Students now take their medicinal chemistry, pharmacology, and clinical coursework all in the fourth year. Pharmacy 75 is a new course providing preliminary study for work as a Medication Assistant, and is required of all third year students.

These are but a few of the changes taking place. The impetus for major changes in the curriculum arose from a recognition of the School's failure to provide direction to the practical training of its graduates. It has long been such that, the School was responsible for the didactic or formal classroom training of Pharmacy students in chemistry, pharmacology, pharmaceutics, dispensing, and clinical practice. Yet, the School and the profession seemed to be "missing the boat" in regard to the practical aspects of professional education. Pharmacy is the only health profession that has allowed an unstructured, minimally supervised practical experience program as part of its prerequisite for licensure. Health care practitioners, if they are to function as such, must be prepared through supervised participation and responsibility in health care environments. Take, for instance, Nursing and Dental Schools which provide extensive experience in clinics and hospitals as a part of their educational process. Obviously third and fourth year medical students receive extensive training in the patient care environment. Is pharmacy practice such that it need not provide structured professional training experience in its curricula?

The UNC School of Pharmacy, like many schools in the country, has been actively moving to provide professional practice training as a part of the formal curriculum. We began some three years ago through three different courses to lay the foundations for more extensive externship and/or clerkship training. Many students who are recent graduates have participated in these courses.Their comments and the reflections of practitioners alike have further stimulated changes that are occurring. We have been limited by the fact that, to this point, students who have gained externship experience in the School's programs have had to miss classes to do so. In addition, their travel was often confined to medical centers in Chapel Hill and vicinity or to practice locations near their homes.

The North Carolina Board of Pharmacy and the North Carolina Pharmaceutical Association have been most cooperative in relationship to these developing externship/clerkship programs. In agreement with recommendations of the National Association of Board of Pharmacy, 400 hours of the 1500 hours extern/internship requirement may be obtained through these Pharmacy School courses which place students in environments where they must deliver pharmacy service under the supervision of appropriately selected practitioner-preceptors. The American Council on Pharmaceutical Education has stated in their new accreditation standards:

"The Council believes that the experiences students gain in the clinical courses (including clerkships and externships) should be of such caliber so as to serve in lieu of the internship requirement for licensure. The Council expects, therefore, that a curriculum be designed to include an externship and other clinical components that will lead to the degree of professional competence in students required for admission to the licensure examination. The externship will provide the student with experiences in a variety of patient care settings where his work will be supervised by a number of practicing pharmacists, qualified to serve as preceptors. The externship will be guided by a policy established by the faculty, one member of which will be responsible for directing and coordinating the program. The arrangements for relating the externship experience to the internship requirement for licensure should be made by a tripartite committee composed of representatives from the school of pharmacy, the board of pharmacy, and the state pharmaceutical association.

"Clinical clerkship and externship is defined as supervised training in appropriate inpatient and outpatient environments, which provides for interdisciplinary experiences with other health professionals and includes distributive aspects of pharmacy practice in institutional and community pharmacy settings."

Why is it that existing programs cannot be adopted to meet these changing requirements in our professional training? The Extern/Internship Program has for many years been administered by the Board of Pharmacy with cooperation of the Association and the School. More recently, a more formal advisory committee—the North Carolina Pharmacy Tripartite Committee on Pharmacy Extern/Internship Programs—has been formed. Several changes have been suggested by this committee regarding the existing program, and aid has been sought from this committee regarding developing programs from the School. In general though, the professional practice experience has lacked uniformity and overall quality. Many, many preceptors have done outstanding jobs in preparing the Pharmacy students *working* for them in professional practice. There has been no guarantee that every student receive quality, indepth experience in dispensing, management, personnel relations, administration, patient education and counseling, therapeutic review, preparation of IV admixtures, narcotic control, and a vast number of related professional concepts and practices.

The School is acutely aware of its responsibility to the public and the profession to graduate the most competent practitioner possible, and one who is trained not only for the practice of Pharmacy as it is today, but just as importantly for the practice of Pharmacy five years and more from today.

The recent curriculum changes are intended to meet the need and responsibility for adequate quality training for students of the profession. In some instances it will provide the student's *first* exposure to practice and the delivery of pharmacy services. The fifth year of the new curriculum is designed to provide: 1) practical experience training in various areas of practice today and 2) freedom for the students to select coursework that will best benefit in their intended practice setting.

In order to expedite both of these concepts, both semesters are sub-divided into two "blocks" of time, each about seven to seven and one-half weeks. During any one of these blocks, about twenty-five percent of the senior class will be involved in the delivery of pharmacy services in 1) community pharmacies, 2) hospital pharmacies, and 3) an optional area of practice. The remainder of the class will be in more formal coursework taught in the School, or in optional practice coursework. This particular "block" approach may be short lived, in that, as soon as possible, an even greater amount of time is intended for practical experience coursework. Thus structured, this School sponsored training can provide as much in-depth experience as 500 or more hours in our conventional programs.

The success of this program, as it becomes readily apparent, depends upon a number of factors. Educational objectives are formulated to insure the overall quality of the program. We *do not* intend to provide a situation wherein students will work for an employer. Students will receive academic credit, and not monetary reward. Since there is no employer-employee relation, the gain for the student will be in the training and knowledge necessary for practice. The goal is that practitioner-preceptors act as *teachers*. Their role is to guide the extern in service delivery and its associated responsibilities; their role is to teach the practice of Pharmacy. This is a time consuming responsibility for the practitioner. We need practitioner-preceptors who are *both* qualified and motivated to share their practice and experience with the student-extern in a learning experience. The practice locations themselves are also very important. A given pharmacy must provide a highly professional atmosphere where students may gain needed experience. There are defined specific criteria for a particular practice setting, and the types of services that should be available therein.

Yes, the process of choosing practitioner-preceptors and practice locations is a very selective one. We only want to offer the very best for the students of Pharmacy in this state. In next month's issue of the Journal, I will explain the criteria that have been developed for selecting practitioner-preceptors and practice locations.

BRONZE MEMORIAL PLAQUES DEDICATED

Certificates of Merit Presented

Sunday, March 9, was "Dedication Day" in Chapel Hill.

Bronze plaques in memory of the late Clarence Page, Jr., Ralph Rogers, Sr. and Mr. and Mrs. Ira Winfield Rose were dedicated during the program held at the Institute of Pharmacy.

Following dedication of the plaques, certificates of merit were awarded to Gilbert C. Hartis, Sr. of Winston-Salem, Prentiss O'Neal of Belhaven, O. K. Richardson of Boone, and Barney Paul Woodard of Princeton.

In his welcome remarks to the approximately 75 persons who attended "Dedication Day," NCPhA President W. H. Wilson said, in part:

"Friends of Pharmacy: I extend to all of you a warm welcome to one of the most important functions in the year. Dedication Sunday is designed to be a day of *Honor* and *Thanks*, extended to those we count as our own.

"The people who we are here to honor today all have at least one thing in common. They have *served* pharmacy and their fellow man with their minds and hearts.

"They are the people who unselfishly and unhesitatingly have been willing to take that extra step that makes them stand out as giants among the many.

"We are surrounded by their dreams and their work. This wonderful property, purchased with the foresight of practicality, this building built with the tithe of professional sharing. The furnishings, the decorations, the furniture, yes, even the art, is all a result of a lifetime of pharmacy by many people, as exemplified by those we honor today.

"No one knows better than I that these accomplishments could not have been done by individual action. My job as President of the North Carolina Pharmaceutical Association showed me once again that shared concerns lead to wise decisions.

"Once again, the extra step by your mate, the thoughtful note to correct an oversight, finding W. J. out of the office, only to learn that he was changing clothes in order to sweep the yard of the Institute. All have gone to remind me of the kind of people I have been lucky enough to become a part of.

"Pharmacy in North Carolina has been advanced by those that we honor today. Some did their part in the real early days, some very recently. All have helped shape Pharmacy in North Carolina into a nationally recognized voice, which is sought out for advice and leadership. Our role in National Affairs is not a happen-stance. Our stature in State political structure and affairs is not just a place of honor for some long forgotten debt.

"Those of us who have assumed the mantle of pharmacy leadership today will be looked upon to continue the excellence of yesterday. This is a tall order. I hope that we can stand tall in the company of the great people when our history is written."

MEMORIALS

The President-Elect of the N. C. Pharmaceutical Association, Lloyd Milton Whaley of Wallace, prior to reading the plaque inscriptions, reproduced below, paid tribute to the persons being memorialized for their constructive contributions to the advancement of North Carolina Pharmacy and the betterment of all whose lives they touched.

In Memory Of

CLARENCE EUGENE PAGE, JR.

1917-1972

A wise and able member of the
North Carolina Board of Pharmacy
1964-1972

To know him was to love him.

By his colleagues on the Board

In Memory Of

RALPH PEELE ROGERS

Retail Pharmacist
Graduate UNC School of Pharmacy, 1912
Owner Rogers Drug Company, 50 Years
President
North Carolina Pharmaceutical Association
1942

March 22, 1893 May 5, 1973

(continued on page 10)

SOME OF OUR FOLKS ARE ALWAYS LOOKING FOR TROUBLE.

And most of the time they find it on the other end of a phone call. Calls from concerned pharmacists just like yourself.

Each one a different question about correct usage, dosage and proper application of pharmaceuticals. And each one could lead to trouble without the correct answers right then and there.



Our men have had dozens of years experience in troubleshooting your questions. They're not a bunch of whiz kids, so, sometimes they may not know the answer. But when they don't, they'll do their best to find out and call you back right away.

It's part of the complete service package offered by Gilpin.

When trouble calls on you, the Gilpin troubleshooters are as close as your phone.

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Norfolk – Colon Sawyer, 6435 Tidewater Drive, Norfolk, Va. 23509/(804) 855-1901 Washington – Frank Antkowiak, 901 Southern Avenue, Washington, D.C. 20032/(301) 630-4500

To the Memory of

IRA W. ROSE

Member, North Carolina Board of Pharmacy—1920-1933
President, North Carolina Pharmaceutical Association—1921-1922
Professor of Pharmacy, UNC—1931-1951

and

JUANITA PENNY ROSE

Charter Member, Woman's Auxiliary
North Carolina Pharmaceutical Association
President 1938-1939

PRAYER OF DEDICATION

A prayer of dedication was given by James L. Creech of Smithfield prior to acceptance of the plaques by NCPhA Executive Director, W. J. Smith.

The certificates of merit were presented by President Wilson after preliminary remarks by Mr. Smith.

The dedication ceremony was followed by a reception in the lobby of the Institute of Pharmacy.

CERTIFICATES OF MERIT

GILBERT CLYDE HARTIS

In 1931, the then Dean of the UNC School of Pharmacy wrote: "In reviewing the achievements in the school during the past year mention should be made of the record of G. C. Hartis. Mr. Hartis is a member of the rising graduating class in the three-year course leading to the degree of Ph.G. During the past year he made a grade of 'A'—Excellent, or between 95 and 100 percent on every subject required in the second year curriculum with the exception of one half course and he received a grade of 'B'—Good, or between 90 and 95 percent in that subject. This is one of the best records ever made by a student in the school. The work of Mr. Hartis has been outstanding since entering college. His record for the first year of the course was almost as perfect as that for the second year."

In the intervening years, Mr. Hartis has maintained this record of excellence. First, as a practicing pharmacist in Albemarle and Charlotte, then as an inspector with the N. C. Board of Pharmacy, and finally, beginning in 1937 until retirement two years ago, as a Medical Service Representative with Parke-Davis and Company.

G. C., as he is known to countless friends throughout North Carolina, has maintained his interest in all phases of Pharmacy at all levels. One notable characteristic stands out—he is one of a few manufacturers representatives who could walk into any pharmacy, write up an order for PD products and have the order signed without question.

The Hartis's have a son, Gilbert, Jr., also a pharmacist, and the son's wife is a pharmacist. And to maintain a 100% record in the health field, Mrs. Hartis, the former Lillian Campbell of Matthews, is a registered nurse.

Since retirement, among other things, Gilbert has devoted a major portion of his time to building Grandfather Clocks. An example of his superior craftsmanship is on display in the lobby of this building.

Gilbert, we salute you for a distinguished career in Pharmacy.

PRENTISS O'NEAL

Forty-three years ago, in the midst of the depression, this was the picture:

> "Young Prentiss O'Neal in a bouncing 1926 Chevrolet and $2.25 in a savings account rolled down Belhaven's only paved street, paid a month's rent for the building he's in and O'Neal's Drug Store was in business."

But to back up a bit: Prentiss graduated from the UNC School of Pharmacy in 1926, then worked for Sutton's Drug Store, still in operation in Chapel Hill, before taking over as manager of the Randall Mann Drug Store in High Point.

In the summer of 1931, he established O'Neal's Drug Store in his hometown of Belhaven, still going strong after nearly 45 years of continous operation.

As chairman of the Board of Trustees of Pungo District Hospital, Prentiss was the prime mover in seeing that this million dollar hospital was established in his area of the state. And his interest is no less diminished today, being involved in various fund-raising events to maintain the hospital in good financial condition.

He has been active in the business, civic and political life of Belhaven, serving in numerous posts as an exemplary public ser-

vant. Included in this service is 19 years as Mayor of Belhaven.

The family includes Mrs. O'Neal, two sons and two daughters and eight grandchildren. One son, Bud O'Neal, a pharmacist, is associated with his father in the operation of O'Neal's Drug Store, recently remodeled and enlarged. Another son, Edwin, will be taking the N. C. Board exam next week.

Prentiss, you are an asset to Pharmacy. It is a privilege to pay deserved recognition to you at this time.

O. K. RICHARDSON

One year ago Boone's progressive newspaper ran this news story under the heading: *Retired Pharmacist Aims to Play Golf:*

> Back in 1947 when O. K. Richardson first went to work at Boone Drug Company, the store was advertising such remedies as:
> *Kleerex*—"Pimples disappear overnight, Blackheads, too. No Waiting."
> *Mentho-Mulsion*—"Don't cough your head off."
> *Bismarex*—"For acid and indigestion. Insist on genuine Bismarex and refuse other so-called antacid powders recommended to be 'just as good'."
> A lot of things have changed since then and Richardson has witnessed and been instrumental in many of the changes in the drug business and in Boone during the last 27 years.
> But now Richardson has decided to retire. He wants to spend time fixing up his summer home and playing golf. But he says he will still be helping his brother Wayne out some at the drug store.
> He and his brother Wayne became partners with G. K. Moose in the drug store in 1947. Wayne had been working there for a number of years and O. K. had received a great deal of experience in Sylva, Elkin, and Winston-Salem.

Through the progressive management of the Boone Drug Company by O. K. and his associates, the firm has expanded over the years until it now numbers three operations, all doing quite well.

While O. K. has tended to push others into the limelight, preferring to work quitely behind the scenes to assure the success of any worthwhile projects, his counsel and willing support are hallmarks of this outstanding pharmacist.

O. K. has been a member of the NCPhA since 1938 and during this nearly 40 year period, he has served on numerous NCPhA committees.

Married, The Richardsons have one son, Thomas Odell.

O. K., not only are you deserving of this special tribute today but at the same time, we recognize the outstanding character of your associates; your brother, Wayne; G. K. Moose, Joe Miller, now a member of the NCPhA Executive Committee; Jim Furman and others who over the years have helped to establish Boone Drug Company as a prime example of the American system of free enterprise in action.

BARNEY PAUL WOODARD

Following graduation from the UNC School of Pharmacy, Barney Paul Woodard was associated with pharmacies in Fayetteville, Southern Pines and Greenville prior to establishing Woodard's Pharmacy in Princeton in 1943.

A distinguished professional and public career has emerged since Barney Paul established his pharmacy in Princeton. Not only has he developed one of Eastern North Carolina's more progressive small town pharmacies, his ability as a public servant, particularly in the political arena, has been tapped often.

Barney Paul was first elected to the General Assembly for the 1967-68 session. He then returned for another term in The House and his present service as a member of The House of Representatives is the third time the voters of his district said "You are the type man we want in Raleigh."

While Barney Paul is called on for service as a committee member of varied responsibilities, his major interests have been in the area of health, education, agriculture and finance with special attention to mental health.

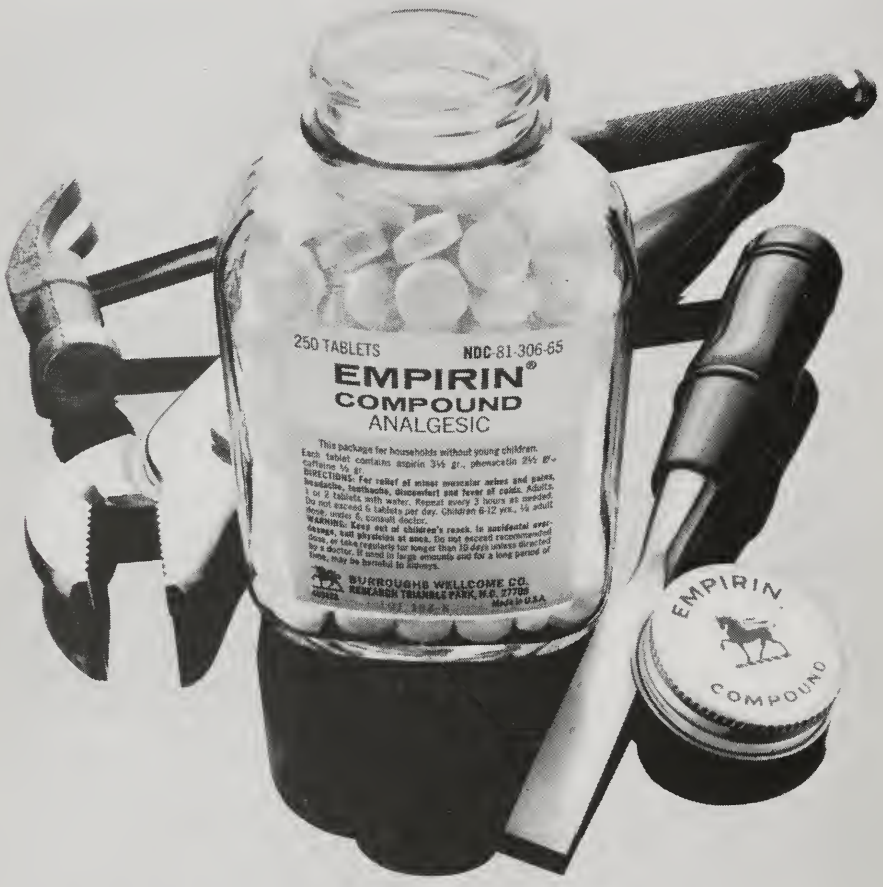
Married to the former Annie Louise Sugg, The Woodards have four children.

When a pharmacist such as Barney Paul Woodard supplements his professional life by taking on the additional responsibilities of an elected servant of the people, we can all be grateful for the sacrifice made in order that good government may be the order of the day.

Barney Paul, we want you to know that organized pharmacy recognizes and appreciates what you have done and are doing. You exemplify the true christian spirit of doing good unto others.

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*Based on suggested list prices

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TAR HEEL DIGEST

OXFORD

Guest speaker at a recent meeting of the Oxford Lions Club was Pharmacist J. B. Clay who spoke on his hobby: antique radios. Clay said, in his opinion, the three inventions with the greatest effect on man were the wheel, printing press and radio.

KENLY

Kenly Drug Company now occupies a new building on East Second Street. The move was made in late February.

HIGH POINT

Robert G. Garland, long-time drug store executive with Mann Drug Company, has joined a real estate organization in High Point. At the time of his retirement from Mann two years ago, Garland was executive vice president and secretary of the Mann chain of more than 20 stores.

GREENVILLE

Hollowell Drug Store pharmacist Clarence Johnson discussed "Drugs—How they Work and How they are Abused and Misused" at a recent meeting of the Home Life Department of the Woman's Club of Greenville.

ABERDEEN

Sue Hudson, a graduate of the UNC School of Pharmacy, is employed as pharmacist at the Bryan Drug Company.

ALBEMARLE

Pharmacist Donald L. Bennett of Medical Pharmacy has been named chairman of the 1975 Cancer Crusade in Stanly County.

ZEBULON

Van H. King, III, of Wilmington has joined the pharmacist staff at Zebulon Drug Company.

MT. AIRY

David L. Patterson, Hospital Pharmacy, has completed training in surgical appliances, fitting and repair of wheel chairs and other convalescent aids. He is a 1972 graduate of the UNC School of Pharmacy.

WAYNESVILLE

Tommy Curtis has purchased two drug stores: Medical Arts Drug Store, which will continue in operation under that name, and Russ-Wood Drugs which will be changed to Balsam Road Drug Center.

Curtis, a 1954 graduate of the UNC School of Pharmacy, is president of the corporation; his son, Michael, vice president; and Mrs. Curtis, secretary-treasurer.

SALISBURY

With the February closing of Mark Drugs (formerly Purcell Drug Company) at the square, for the first time since 1858 the building has not provided quarters for a pharmacy.

CLARKTON

In conjunction with one of Wilmington's AHEC programs, Pharmacist Jim Brisson presented a series of lectures to nursing students at Southeastern Community College. Brisson is associated with Clarkton Drug Center.

WEST JEFFERSON

James Thomas Worley, staff pharmacist with the Jefferson Drug Stores, Inc., is serving as Fund Chairman of the 1975 Heart Fund Drive. Formerly he was associated with Dr. Edwin P. Ewers of Warsaw as a Physician Assistant.

THIS OUTSTANDING PACKAGE



Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of anxiety and tension occurring alone or accompanying various disease states.

Contraindications: Patients with known hypersensitivity to the drug.

Warnings: Caution patients about possible combined effects with alcohol and other CNS depressants. As with all CNS-acting drugs, caution patients against hazardous occupations requiring complete mental alertness (*e.g.*, operating machinery, driving). Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage; withdrawal symptoms (including convulsions), following discontinuation of the drug and similar to those seen with barbiturates, have been reported. Use of any drug in pregnancy, lactation, or in women of childbearing age requires that its potential benefits be weighed against its possible hazards.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (*e.g.*, excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.

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INCLUDES THIS OUTSTANDING PACKAGE.

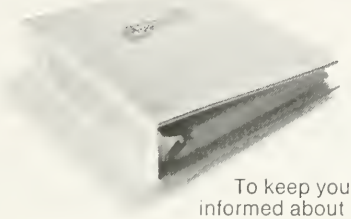
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Medical Emergency Line



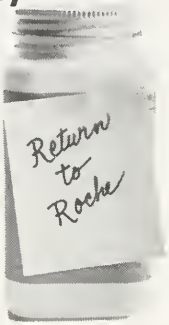
For questions requiring an immediate answer, our Medical Emergency Line (201-235-2355) provides a direct, round-the-clock telephone service for specific questions on Librium (chlordiazepoxide HCl) and other Roche products. In addition, our information specialists are prepared to answer inquiries of lesser urgency by mail. Through your Roche representative, you can also obtain a variety of informative materials, *e.g.*, scientific brochures, reprints and bibliographies.

The New Environment of Pharmacy



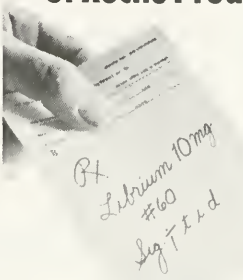
To keep you informed about current trends in pharmacy and changing factors governing the profession, Roche has initiated a new educational service designed *by* pharmacists *for* pharmacists. This ongoing professional resource, *The New Environment of Pharmacy*, will keep you continuously informed on a wide range of pertinent subjects—new governmental regulations, drug interactions, concepts and techniques in pharmacy management, etc. If your pharmacy has not already enrolled in this program, just write to The New Environment of Pharmacy, Roche Laboratories, Division of Hoffmann-La Roche Inc., P.O. Box 283, Nutley, N.J. 07110.

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Dear Mr. Smith:

I wish to thank you for the courtesy extended in sending a copy of North Carolina Pharmaceutical Association's position statement on the MAC regulations. I have read it several times and find it a very well written statement, making a strong case against the MAC proposal.

As you well know, there are many organizations expressing strong reservations against both the basic philosophy and the specifics of these proposed regulations. The Academy of Pharmaceutical Sciences is concerned about the "quality" issue involved and has so expressed itself. It has not made any statements regarding the impact of these regulations on professional practice and/or its economics; however, we are aware that this is a very controversial issue. Sometimes the arguments are more emotional than reasoned. The basic premise against the placing of your complete professional economic future in the hands of an agency of the Federal Government, however, is as valid now as it has been in the past.

I think some of our professional leaders feel that by taking the differential in "cost" of drugs out of the competitive arena for the pharmacist and having the total economic competition in the "fee" for service bracket that this will be the economic salvation of the pharmacist and pharmacy. However, the government can also put a maximum allowable cost on the "fee" for service as well. The British pharmacists have been having a very hard time getting increases in dispensing fees over the years. It is my understanding they are quite far behind in keeping this fee in line with the increases in the cost of operating the pharmacy.

The APhA, in its comments on MAC proposal has expressed its concern about the "fee" level as it now stands and has made some strong statements about the mechanism by which these can be adjusted as required.

I think the controversy over these regulations is good and that the end result will be better regulations or even no regulations of the nature proposed.

Sincerely,
Louis W. Busse, President
Academy of Pharmacy Sciences

Dear Sir:

I would like to take time out to let you know how much I enjoyed my first Pharmacy Seminar. The benefits far outweighed my expectations.

Since I am in hospital pharmacy, I thought that I probably would be wasting my time but I was pleasantly surprised. Also, I was a bit skeptical as to the subject matter and how it was to be presented but again I must say that I was well pleased.

So, congratulations again on putting on a great seminar. I hope to attend more in the future.

The only fault that I saw was the absence of many members toward the end of the program which was probably the best of the day.

Ron Martin, R.Ph.
Morehead Memorial Hospital
Eden

P. S.—Hurray for Dean Blaug. It is time the educators stood up for the practicing professionals.

Gentlemen:

Thank you for your letter regarding the availability of pharmacists from the School of Pharmacy at the University of North Carolina.

It has been our custom to conduct personal interviews at the school each year. This we have done this year also and hope to provide employment for some of the students currently enrolled.

Your interest in these students is commendable, and I trust that they will all be successful in finding suitable employment this summer.

Michael Musulin, Ph.D.
Director of Pharmacy Operations
Peoples Drug Stores


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Geigy
Tofranil
imipramine hydrochloride
25 mg

PHARMACISTS REACT TO MEDICAID RX FEE SURVEY

The Medicaid Pharmacy Service Fee Survey conducted by the NCPhA during February brought more than one thousand replies (subject of a bulletin included with the March issue of The Tar Heel Digest).

Here are two letters selected from a number of supplementary comments to the fee survey ballot:

Dear W. J.:

Many thanks to the Association for considering our opinions.

I have watched the steady decline of the Medicaid profit picture in my pharmacy from 39.4% to a low of 35.6%. The average prescription cost has remained basically the same, with the total number of prescriptions filled steadily declining, and the dollar volume down some. The net picture is that we are filling less prescriptions for higher priced ingredients resulting in lower profits when averaged out. This indeed necessitates a change in what we can fill a prescription for.

I agree with the increase to $2.50 per prescription and I can live with the 50¢ co-pay (as long as my money does not stay too long in Raleigh). I cannot agree with the one-shot-fee-same-drug concept and 50¢ co-pay. My average Pharmacist wage per prescription is 56¢. To accept a small co-pay means that I pay my Pharmacist now and wait to recoup 12% of the wage paid. Since the fee is the only sponge to keep this mess in balance, I cannot support the second choice in toto. Therefore, I would like to see $2.50 fee for each prescription and recipient pay 50¢ co-pay.

I had been considering for some time what to do about Medicaid: whether to keep it or drop it. Since we are a public service institution dropping Medicaid would be out of character, but yet as a going business accepting business that does not justify its "keep" is fatal. What a paradox! But since I had rather be cursed than be dead, I have decided that the best thing to do is give up Medicaid when the profit figure falls below 35%. I believe that with Medicaid, as with all things, there is a stopping place. Truly, I hope this doesn't happen.

Thanks for listening.

Wilbur Ward
Candler, North Carolina

Dear W. J.:

I do agree that we need a rate increase to $2.50 for Medicaid prescriptions, not only for the reasons you cite, which are excellent, but for an additional reason: We who deliver prescriptions are now paying fantastically more for gas, oil, tires, etc. than we were two years ago. We do deliver to Medicaid patients after we have gotten their sticker (though we will not go out and pick up the stickers or deliver until we do have them)—this is another example for a needed fee increase.

I also agree on the one fee per prescription per month provided the N. C. Department of Social Services will adopt a policy stating the physician is limited to prescribing 50 tablets, or 16 ounces liquid, or one months' supply, whichever is larger. In fact, I hope to get an endorsement from the NCPhA at the coming convention to prohibit the filling of Medicaid Rxs exceeding these amounts by any member of the NCPhA.

I have seen prescriptions for 1000 Dilantin Capsules, 1000 Mysoline Tablets, 500 Regroton Tablets, 300 Aldomet Tablets, etc., etc., and this is inexcusable for any person to expect to have these prescriptions filled for cost plus $2.00.

Also, if there is a fear of cut-backs on the Medicaid program, or if it becomes a reality, then why not increase the co-pay to $1.00 or $1.25? Suggest this to the Social Services Board.

As for a possible reduction in the fee paid to pharmacists, I would suggest the NCPhA adopt this position: All NCPhA members refuse to fill Medicaid prescriptions at a fee less than the present one.

While I am aware of the serious nature of this recommendation, I am not that much opposed to the Medicaid program. We have several customers who need their medication and the only way they can obtain the needed medication is through Medicaid. Not only do I want to see them get the medication, but there are others I would be happy to see receive the Medicaid benefits.

I do not advocate elimination of the Medicaid Rx program—I just want to receive fair compensation for my work and for maintaining an enormous inventory.

Bob Barbour
Burlington Drug Company
Burlington

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SPARTANBURG, SOUTH CAROLINA 29301

DISASTERS

Major and Minor

CHARLOTTE

Approximately $6000 was reported missing from Eckerd's Drug Store, 4400 Sharon Road. The money was supposed to be in the store safe.

MONROE

A ringing alarm apparently scared off burglars at the Revco Drug Store, Union Village Shopping Center. Police said they found an 8 x 10 inch hole cut in the roof and a knotted rope ladder leading into the building tied to a rafter.

GREENSBORO

Two armed men held up Kinard's Drug Store and escaped with a large quantity of CS drugs and approximately $2,500 in cash and checks.

DALLAS

A tip from a Dallas citizen helped to stop would-be burglars from going through the ceiling of Nixon Drug Store. Three Charlotte men have been charged with breaking and entering and possession of burglary tools.

CANDLER

Three Asheville men and a Florida woman have been charged with armed robbery of Valley Drug Store, Candler.

KING

The Stokes Pharmacy, King Shopping Center, was broken into twice in less than ten days. The most recent entry was by way of the roof. Nothing was taken following triggering an alarm system.

MEBANE

Thieves entered Carolina Rexall Drug Company through the roof and made off with more than $1000 in CS drugs and merchandise (cameras and watches plus cash).

HICKORY

Bill Long, a Hickory pharmacist, was robbed at pistol and shotgun-point by three men. The incident took place at Long's home after he had closed Mann Drug Store. It is believed the men thought Long would be carrying money from the drug store after closing.

KING

Drugs taken from King Drug Store after someone broke out the glass in the front door.

FAYETTEVILLE

Two teenagers were captured by Fayetteville police as they tried to steal a large quantity of CS drugs from Fayetteville Drug Company, Bordeaux Shopping Center. A silent alarm system alerted police. More than 7000 capsules/tablets were recovered.

CORNELIUS

Pharmacist Hal D. Sharp averted an apparent robbery attempt at Midway Drug Store after chasing the would-be robber from his store with a pistol. Sharp, who wears a handgun under his smock, came out on top in a gun-drawing contest.

ABERDEEN

Bryan Drug Company robbed of merchandise but no CS drugs reported missing.

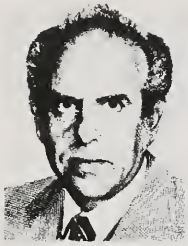
GASTONIA

A Knoxville man entered Drug Lo Discount Drug Store to purchase cigarettes and while in the restroom, the store was closed for the day. A telephone call to police brought help.

DURHAM

Durham police foiled a break-in at Colonial Pharmacy with the arrest of a teenager.

Continued on Page 48



CURRENT COMMENT
by Dr. Seymour M. Blaug, Dean
School of Pharmacy, University of North Carolina

"DRUG-RELATED" DEATHS

At a time when we are engaged in dialogue about the structure of health care delivery systems in the United States, National Health Insurance, and the role of pharmacy in health care delivery of the future, we should avoid injecting misleading and sensational statistics about the number of Americans who may die each year as a result of treatment with prescription drugs.

During the Kennedy hearings (Senate Health Subcommittee) the number of deaths attributed to adverse drug reactions was projected to be 30,000, 60,000, or 140,000 annually. Ralph Nader's group used the 30,000 figure based on a speech given by Dr. Donald Rucker (Head of Pharmacy Administration, Ohio State University) in 1973. Dr. Rucker obtained his figure from an article that appeared in the *New England Journal of Medicine* in 1971. The article does not substantiate the figure. Subsequently, figures ranging from 60,000 to 140,000 adverse drug deaths per year were injected into the Senate hearings. These figures were reported in the national press and have been used to dramatize the effect of misuse and/or overuse of prescription drugs.

These figures are based on a statistical extrapolation of data obtained primarily from studies conducted by the Boston Collaborative Drug Surveillance Program and by a group of physicians from the University of Florida Medical School. Neither group was responsible for the extrapolation.

The Boston study attributed 27 deaths to the effects of drug therapy. This figure was extrapolated to an estimated number of deaths ranging from 30,000 to 140,000 nationally per year, depending on the extrapolators. The 27 deaths occurred in medical wards and involved 6200 patients admitted over a 3-year period. The wards contained a high percentage of severely ill patients. For example, 24 of the 27 deaths occurred in patients who at the time of their death were being treated for such life-threatening diseases as congestive heart failure, emphysema, cancer, and cirrhosis of the liver. Such patients are often treated with potent drugs whose therapeutic/toxic dose ratios are low. Although the risk of an adverse reaction is high, the physician has to balance the risk against the consequences of no drug therapy, death.

The 11 drug-related deaths reported in the Florida study were extrapolated to an estimated 60,000 deaths nationwide. Seven of the 11 deaths occurred during treatment for serious, life-threatening illnesses. Other studies show that the majority of deaths attributed to adverse drug reactions occurred in people who were severely ill. Data must be collected on the number of deaths due to an adverse drug reaction in patients who are not being treated for life-threatening illnesses.

Another statistic that is difficult to support with hard data is the claim that anywhere from 4-7% of hospital admissions are due to adverse drug reactions and that these reactions are preventable. Certainly, adverse reactions due to drug allergies are predictable and preventable if the prescriber and the pharmacist keep and use patient medication profiles. Senator Kennedy estimated that in 1970 hospital admissions due to adverse drug reactions resulted in 12.3 million patient days in the hospital at a total cost of $2.25 billion (based on an extrapolation of the 4-7% figure for hospital admissions due to adverse drug reactions). The Commission on Hospital and Professional Activities estimates 150,000 hospital admissions per year due to adverse drug reactions. This figure was based on their computer record of hospital discharges in the United States and amounts to 0.3% of admissions, not 4-7%.

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FISHER-HARRISON CORP.

In a recent report for Medicine in the Public Interest (MIPI) prepared by Drs. Fred Karch and Louis Lasagna of the University of Rochester School of Medicine and Dentistry, it was concluded that "no valid data exist to support widely circulated stories that scores of thousands of Americans are unnecessarily harmed or die because of side effects of modern medications." Other conclusions of the MIPI study were that up to 71% of the reported adverse drug reactions are minor functional G.I. disturbances, rash, itching, drowsiness, insomnia, weakness, headache, tremulousness, muscle twitches, and fever and that hospital admissions due to adverse reactions from ethical drugs are probably less frequent than hospitalizations from alcohol abuse, illicit drug use, suicide attempts, and accidental poisoning.

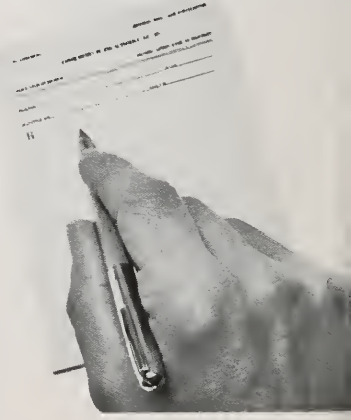
As pharmacists we must be cognizant of the possibilities of adverse drug reactions and do everything possible to either eliminate or minimize them. Although pharmacy schools are educating pharmacists to recognize and monitor adverse drug reactions, it is a difficult thing to do at the prescription counter. The pharmacist does not have the patient's medical chart and frequently the prescription is dispensed to someone other than the patient. However, the pharmacist can help to minimize adverse drug reactions by talking to the patient about the proper use of his prescription medication and about the importance of compliance. Also, the proper use of medication profiles will help to minimize adverse drug effects that can result from drug interactions and allergic reactions.

BIRTHS

Mr. and Mrs. Robert J. Allen of Raleigh announce the birth of a daughter, Kelly Elizabeth, on February 27. Mr. Allen is pharmacy coordinator for the Mental Health Division of the North Carolina Department of Human Resources.



Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document:
(a) chemical equivalence; and
(b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or
(c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
Washington, D.C.
20005

P·M·A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

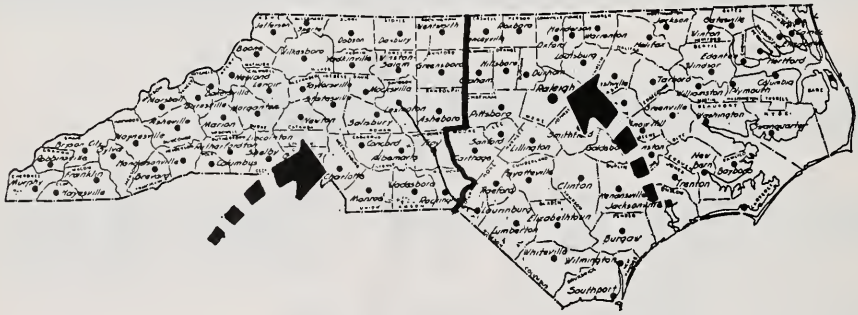
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BROOKS HEADS NCAP

At a recent meeting of the North Carolina Association of Professions in Raleigh, Fayetteville pharmacists B. Cade Brooks was installed as president of the organization for the coming year.

Other new officers include John H. Thompson, Jr. of Shelby, first vice president; Robert C. Browning of Raleigh, second vice president; Thomas G. Thurston of Salisbury, secretary; and Bosworth Beckwith of Raleigh, treasurer.

GILES: CHAMPION STUDENT COMMUTER

Pharmacist Charlie Giles, although manager of the Port City Revco Drug Store (near Mooresville), twice a week drives to Atlanta where he attends law school at Woodrow Wilson College of Law.

Over the past 18 months, Giles figures he has travelled 65,000 miles in pursuit of legal knowledge. Every Monday and Thursday, he leaves home at 1 p.m., is at his classroom desk in Atlanta by 7 p.m., then back home by 3 a.m.

TWO NCPhA COMMITTEES MEET

Two NCPhA committees (community pharmacy and consumer affairs) met in Chapel Hill on February 23.

Present from the Community Pharmacy Committee were R. Ragan Harper, Jr. of Kings Mountain (chairman), Gene F. Herring of Jacksonville, Evelyn P. Lloyd of Hillsborough, Addie B. Pegram of Apex and Fred Semeniuk of Chapel Hill.

In addition to the chairman of the Consumer Affairs Committee (W. Whitaker Moose of Mt. Pleasant), these members of the committee attended the session: W. T. Boone of Ahoskie, A. H. Mebane, III of Greensboro, A. Rowland Strickland of Stantonsburg and William E. Vaughn of Chapel Hill.

The two committees will report in Winston-Salem while the 1975 annual NCPhA meeting is in progress.

CHARLOTTE

The February meeting was "fun day" for the Charlotte Auxiliary, held at the home of the president, Mrs. H. L. Bizzell. Special guests were the state president, Mrs. J. W. Kirkpatrick, and her beautiful baby daughter, Mary Curtis.

Honorary Memberships were presented to Mrs. D. Lawrence Smith and Mrs. Bizzell, in recognition of the many things they have done for the Charlotte organization.

The March meeting was held at the YWCA, with E. J. McSwain, Jr. from the Mecklenburg Youth Services Bureau, as guest speaker. He described the work of the Bureau which is to help children up to age 16 to stay out of courts. The Bureau receives referrals from schools, parents, and several other sources. They have five counselors who evaluate, work with children and parents, or refer them to persons or agencies which can best help them.

A White Elephant Sale was held, which was most successful. A discussion centered around articles to be sent to the convention for the Country Fair.

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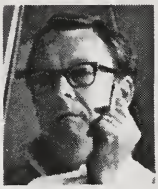

KEN MC ARTHUR


DAVE SHELLMAN


CHARLIE EDWARDS


OLGIE TARR


JAMES TEACHEY


WALKER CRUMP


JOHN HARRISON

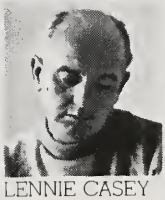

JACK CANUPP


BOYD BARNETTE


JON COLEY


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AACP ANNOUNCES HEALTH MANPOWER POLICY

At a time when some elements in the pharmacy profession are concerned about the rising number of pharmacy graduates and question the feasibility of their assuming new patient oriented health care roles, the American Association of Colleges of Pharmacy (AACP) has issued a formal statement describing its position on health manpower policy. Dr. Allen I. White, AACP President and pharmacy dean at Washington State University, called the statement "a bold and positive approach to addressing the nation's continuing need to improve the quality and availability of health services." Dr. White, a major contributor in the drafting of the statment, noted that "empahsis is placed upon the functions of the pharmacist in the drug use process. Important pharmacist input in improving drug utilization does not require a unique health services delivery system but can take place within the traditional methods of drug distribution." The AACP president called attention to the fact that "Federal support is required to provide the teaching personnel, equipment and facilities that will allow the colleges to continue to produce practitioners of high utility. Of special significance is the need to expand and improve continuing education so that pharmacists already in practice have an opportunity to enrich their potential to provide patient services and, if they so desire, to enter newly developing professional roles."

The AACP position is that the supply of pharmacists has reached the point where the current demand is being met for traditional pharmaceutical services. It goes on to note that the manpower output continues to be the most accessible well deployed of all the health professions. AACP endorses the concept of keeping the pharmacists close to primary health care needs. The statement implies that, while meeting present needs, an increase in manpower may be required to offer the higher quality pharmaceutical services needs now and to be demanded in the future.

The statement outlines the function of the pharmacist in the typical scheme of pharmacy services. It highlights positive contributions which the practitioner can make in health communications, product selection, patient information and therapeutic management. Brief technical appendices to support the Association's position have been prepared by experts in each of these fields. They are available upon request.

In order to continue to improve the quality of pharmacy education, AACP states that Federal support is needed to expand faculty in clinical instruction as well as in the pharmaceutical sciences. Developing interdisciplinary programs require joint or solo faculty appointments in the biomedical sciences and in professional areas. The Association calls for support of clinical pharmacy programs and cites the special teaching facility needs of colleges not located in health centers but needing satellite programs in a patient care setting. Other needs include drug distribution systems, information systems and continuing educational research and development.

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On request, A representative of the I. C. System will explain the collection program in detail.

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Indications:

Staphylococcus aureus: Acute infections of skin and soft tissue of mild to moderate severity. Resistance may develop during treatment.

Diplococcus pneumoniae: Upper respiratory-tract infections (e.g. otitis media, pharyngitis) and lower respiratory-tract infections (e.g., pneumonia) of mild to moderate degree.

Mycoplasma pneumoniae (Eaton agent, PPLO): In the treatment of primary atypical pneumonia, when due to this organism.

See package insert for other indications.

Contraindication: Contraindicated in patients with known hypersensitivity to erythromycin.

Warning: Safety for use in pregnancy has not been established.

Precautions: Erythromycin is principally excreted by the liver. Caution should be exercised in administering the antibiotic to patients with impaired hepatic function. Surgical procedures should be performed when indicated.

Adverse Reactions: The most frequent side effects of erythromycin preparations are gastrointestinal, such as abdominal cramping and discomfort, and are dose-related. Nausea, vomiting, and diarrhea occur infrequently with usual oral doses. During prolonged or repeated therapy there is a possibility of overgrowth of nonsusceptible bacteria or fungi. If such infections occur, the drug should be discontinued and appropriate therapy instituted. Mild allergic reactions such as urticaria and other skin rashes have occurred. Serious allergic reactions, including anaphylaxis, have been reported.

Treatment of overdose: The drug is virtually nontoxic, though some individuals may exhibit gastric intolerance to even therapeutic amounts. Allergic reactions associated with acute overdosage should be handled in the usual manner — that is, by the administration of adrenalin, corticosteroids and antihistamines as indicated and the prompt elimination of unabsorbed drug, in addition to all needed supportive measures.

How supplied: 250 mg — in bottles of 100 and in unit-dose packages of 100 enteric-coated tablets. Caution: Federal law prohibits dispensing without prescription.

For additional product information, consult the package insert or see your Upjohn Representative.

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UNC Pharmacy School Notes

DEAN BLAUG TALKS TO CIBA GROUP

Dr. Seymour Blaug, Dean of the UNC School of Pharmacy spoke to the district representatives of CIBA Pharmaceutical Company at their March 14 field meeting, held at the UNC School of Medicine.

Dean Blaug's two presentations were "Bioavailability" and "What Medical Service Representatives Should Know About Maximum Allowable Cost (MAC)."

DR. RUSSELL NAMED AHEC PHARMACY ASSISTANT DIRECTOR

Dr. George D. Russell has been appointed Assistant Director of the UNC School of Pharmacy Area Health Education Centers program.

Dr. Russell received his Ph.D. in Adult Education from the University of Wisconsin. He was previously Director of Education, Professional Affairs Division of the American Pharmaceutical Association, Washington, D.C.

As Assistant Director of the pharmacy program, Dr. Russell will be involved in the planning and developing of continuing education courses and programs for North Carolina pharmacists. In addition, he will be involved in undergraduate and graduate extern and internship training for pharmacy students.

The Director of the Pharmacy Area Health Education Centers program for the UNC School of Pharmacy is Professor Claude U. Paoloni.

PHI DELTA CHI INDUCTS PHARMACY FACULTY

Dean Seymour Blaug and Professor Claude U. Paoloni of the UNC School of Pharmacy were recently named honorary members of Phi Delta Chi, the professional pharmacy fraternity.

The initiation took place on March 4 at the Phi Delta Chi House.

HIGHWAY PATROLMEN HEAR PHARMACY FACULTY ON DRUGS

Several faculty members of the UNC School of Pharmacy presented "Dangerous Drugs" lectures to the Basic Highway Patrol School at UNC's Institute of Government.

Speakers included Dean Seymour Blaug, Dr. Arthur McBay, Dr. Donald McMillian and Mr. Steven Moore.

Members of the Chapel Hill Drug Action Committee described community involvement in drug programs.

The UNC School of Pharmacy has been cooperating with the Basic Patrol School for the past several years in providing drug education instruction for these future State Troopers.

DR. LOEFFLER & SCHRAN RECEIVE GRANTS

Dr. Larry J. Loeffler, Associate Professor of Medicinal Chemistry at the School of Pharmacy in Chapel Hill, and Post-doctoral Associate Dr. Horst F. Schran, have received a $19,500 research grant from Sandoz Pharmaceuticals of Hanover, New Jersey.

The grant supports research in the development of radioimmunoassays for the measurement of very small quantities of ergot alkaloids which are found in biological fluids such as plasma or urine. These materials arise from drugs used in the treatment of conditions such as senility and migrain headache.

ECKEL NAMED PHARMACY NURSING PROGRAM CHAIRMAN

Fred M. Eckel, Associate Professor of Hospital Pharmacy, UNC School of Pharmacy, has been named Program Chairman of a joint seminar of American Nursing Association and American Society of Hospital Pharmacists in Kansas City, Missouri on March 24 and 25, 1975.

The NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $18,000 Maximum Benefit including $30 Daily Room Limit
PLAN II: $30,000 Maximum Benefit including $50 Daily Room Limit
(Up to $45,000 Maximum Benefit including $75.00 Daily Room Limit Available)

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Dependents Coverage Also Available

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THE UPPERDOG

This fascinating article was written by Mr. Miller Uptown, President of Beloit College in Beloit, Wisconsin, and expresses the views of the so-called silent majority: "I have just about reached the end of my tolerance for the way our society now seems to have sympathetic concern only for the misfit, the pervert, the drug addict, the drifter, the chronic criminal and the under-achiever. It seems to me that we have lost touch with reality and become warped in our attachments. I feel it is time for someone like me to stand up and say, in short, 'I'm for the upperdog!' I am for the achiever—the one who sets out to do something and does it; the one who recognizes the problems and opportunities at hand, and endeavors to deal with them; the one who is successful at his immediate task because he is not worrying about someone else's failings; the one who doesn't consider it "square" to be constantly looking for more to do, who isn't always rationalizing why he shouldn't be doing what he is doing; the one, in short, who carries the work of his part of the world squarely on his shoulders. It is important to recognize that the quality of any society is directly related to the quality of the individuals who make it up. Therefore, let us stop referring naively to creating a "great society." It is enough, at this stage of our development, to aspire to create a decent society. And to do so, our first task is to help each individual be decent unto himself and his relationship with other individuals. We will never create a good society, much less a great one, until individual excellence and achievement are not only respected but encouraged. That is why I am for the upperdog—the achiever—the succeeder."

Remember the Day ...in Pictures

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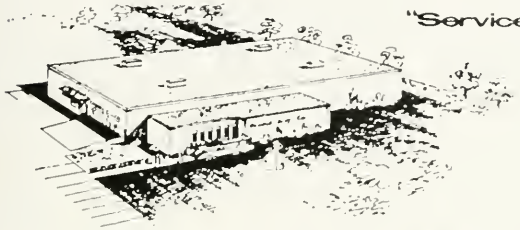
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It is your business if she didn't take her high blood pressure pills today!

"How's your back today?" . . . "Did the antacid work?"

Sound familiar? Such questions are common in the pharmacy today, showing that the pharmacist—as a key member of today's health team—is interacting with his patients/customers because he is deeply concerned.

"Mrs. Jones, did you take your high blood pressure pills today?"

An especially important question, because more and more physicians are treating hypertension earlier and more vigorously to help reduce the risks of eventual organ damage. Missed medication spells danger, since such neglect may become a habit. Many pharmacists consider it their professional responsibility to interact positively with patients/customers on advice concerning adherence to antihypertensive regimens.

Such opportunity for interaction will increase in the months and years ahead as more patients come into the treatment system. Because the problem is so tremendous—23 million Americans are hypertensive, yet only half are detected and only an eighth are under adequate treatment—mass screening efforts have been organized throughout the country.

For example, CIBA has been conducting CHEC (Community Hypertension Evaluation Clinics) programs for more than a year across the nation. Many thousands screened, many thousands referred to their physicians.

CIBA is also launching a series of hypertension-oriented seminars for pharmacists' postgraduate education as part of our commitment to meet your needs.

The challenge is before us. Now is the time for true interaction to solve what is now recognized to be a major national health problem. CIBA



HERE IS AN OPPORTUNITY TO DO GOOD AND HELP YOURSELF, TOO

The School of Pharmacy at Chapel Hill needs your support. A contribution to the North Carolina Pharmaceutical Research Foundation provides assistance for a wide variety of Foundation-supported programs and projects at the School.

In the past, the Foundation has received substantial support from interested individuals and firms—some in the $50,000 to $100,000 range—all made possible by your annual giving to The Foundation.

Funds expended by the Foundation average about $34,000 a year, part of which comes from your contribution and part from invested funds.

Contributions range from $1.00 to $250.00 but if an average of $10.00 per pharmacist can be attained, that will do the job.

Since a regional and county plan is in operation, you may have been contacted by one of the Foundation's representatives, but if not, here is an opportunity to be a part of a worthy endeavor.

Mail your contribution to this address.

N. C. Pharmaceutical Research Foundation
George P. Hager, Secretary
School of Pharmacy, UNC
Chapel Hill, N. C. 27514

My check for $_____ (make payable to: *N. C. Pharmaceutical Research Foundation*) is enclosed. Please allocate my contribution to the expendable income fund so that my contribution can be put to immediate use in advancing North Carolina Pharmacy.

NAME _____

ADDRESS _____ ZIP _____

The University of North Carolina is a state-supported institution and, as such, is exempted by IRS for charitable contributions.

CONVENTION PROGRAM

- North Carolina Pharmaceutical Association
- Woman's Auxiliary, NCPhA
- Traveling Men's Auxiliary, NCPhA

THE HYATT HOUSE
WINSTON-SALEM, NORTH CAROLINA
APRIL 13-14-15, 1975

CONVENTION-IN-BRIEF

SUNDAY, APRIL 13

12:00 noon—*Luncheon* (Greenhouse) meeting of the N. C. Society of Hospital Pharmacists followed by business session in the Granville Room.
1:00 p.m.—Registration opens—Main Lobby
1:00 p.m.—Crafts Fair Opens—Robert E. Lee Room
1:30 p.m.—Meeting of North Carolina PharmPAC (Officers and Directors)
2:30 p.m.—Annual Meeting of North Carolina PharmPAC—Granville, Zinzendorf & Winston Rooms
4:00 p.m.—Reception honoring UNC Pharmacy Dean and Mrs. Seymour Blaug—Reception Deck
7:00 p.m.—Opening Session: Dinner, Presentation of Awards, and Guest Speaker (Dr. Bernard Boyd)—Regency Ballroom

MONDAY, APRIL 14

9:00 a.m.—NCPhA Business Session, Regency Ballroom II and III
9:45 a.m.—Woman's Auxiliary Coffee—Home of Mrs. Howard Fox
11:00 a.m.—Golf Tournament—Pinebrook Country Club (TMA members tee off at 11:00 a.m., NCPhA members tee off at 1:00 p.m.)
1:00 p.m.—Woman's Auxiliary Luncheon—Hyatt House Garden Terrace
2:00 p.m.—Tour of Schlitz Brewing Company
2:00 p.m.—Tennis Tournament
8:00 p.m.—Entertainment sponsored by Wholesale Druggists of North Carolina—Regency Ballroom

TUESDAY, APRIL 15

9:00 a.m.—NCPhA Business Session—Regency Ballroom II and III
10:00 a.m.—Woman's Auxiliary Coffee and Annual Business Session—Regency Ballroom IV
11:00 a.m.—Annual Business Session—Granville, Zinzendorf and Winston Rooms —"TMA"
12:00 noon—Woman's Auxiliary Luncheon—Depart by bus for Bermuda Run Country Club
2:00 p.m.—NCPhA Business Session—Regency Ballroom II and III
8:45 p.m.—Entertainment sponsored by the TMA of the NCPhA—Regency Ballroom

PRIZES FROM AROUND THE WORLD

Convention registrants attending the one NCPhA business session on Monday and two sessions on Tuesday will have up to three opportunities, depending on number of business sessions attended, to win valuable prizes from around the world. Of special interest this year: bags of gold ore from a Colorado gold mine (pictured above) and UNC rams head rugs.

95TH ANNUAL MEETING
NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

Winston-Salem Hyatt House

April 13-14-15, 1975

PRE-CONVENTION EVENTS

Sunday, April 13

12:00 noon *Luncheon* (Greenhouse) meeting of the N. C. Society of Hospital Pharmacists followed by business session in Granville Room.

1:00 p.m. *Registration Begins* Main Lobby
Craft Fair Opens Robert E. Lee Room

1:30 p.m. *PHARMPAC Board of Directors Meeting* Forsyth Room

2:30 p.m. *PHARMPAC General Meeting* Granville Room

At 4:00 o'clock you are most cordially invited

to a

RECEPTION

honoring

DEAN AND MRS. SEYMOUR BLAUG

This reception, to officially welcome the Blaugs to North Carolina Pharmacy, will provide those attending the Convention an opportunity to meet these very valuable additions to the School of Pharmacy at UNC-CH.

Since the Blaugs have visited several areas of the state, this reception will enable some of their new North Carolina friends to further their acquaintance and friendship. Others will have the opportunity to "meet and greet" these new Tar Heels for the first time.

The North Carolina Pharmaceutical Association, with the help and support of the Burroughs Wellcome Company, is happy to host this official reception for the Blaugs as a part of this 95th Annual Convention of the organization.

95TH ANNUAL MEETING
NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

THE HYATT HOUSE, WINSTON-SALEM, N.C.

Sunday-Monday-Tuesday, April 13-14-15, 1975

Sunday, April 13, 7:00 p.m.

Opening Session and Dinner Program

Regency Ballroom

Donald K. Chapman, Convention Chairman, Presiding

CALL TO ORDER

N. C. Pharmaceutical Association—William H. Wilson, President
Woman's Auxiliary, NCPhA—Mrs. J. Weaver Kirkpatrick, President
Traveling Men's Auxiliary, NCPhA—Canie B. Smith, President

INVOCATION

The Reverend John R. Campbell, Rector, St. Timothy's Episcopal Church, Winston-Salem

ADDRESS OF WELCOME

The Honorable Franklin R. Shirley, Mayor, City of Winston-Salem

PRESENTATION OF AWARDS

NCPhA President Wilson, assisted by President-elect Lloyd Milton Whaley

GUEST SPEAKER

Dr. Bernard Boyd, James A. Gray Professor of Biblical Literature, UNC-CH

ANNOUNCEMENTS

ADJOURNMENT

Monday Morning
April 14—9 a.m.
Regency Ballroom II & III
William H. Wilson, Presiding

CALL TO ORDER

RITE OF THE ROSES
Conducted by Eugene Hackney, assisted by Mrs. Hackney

PRESIDENT'S ADDRESS
Mr. Wilson, with First Vice-President Whaley presiding

INTRODUCTION OF DEAN BLAUG
Dr. George P. Hager, former Dean of UNC School of Pharmacy

UNC SCHOOL OF PHARMACY REPORT
Dr. Seymour Blaug, Dean

INTRODUCTION OF GUEST SPEAKER
Jesse M. Pike, member NARD Executive Committee

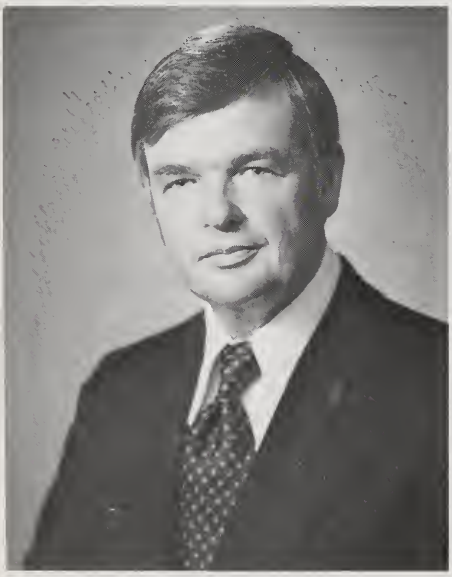
GUEST SPEAKER
E. Boyd Garrett, NARD President

COMMITTEE REPORTS
National Legislative Affairs—Seymour Holt
Legislation—W. H. Randall
Tripartite—Claude U. Paoloni
Consolidated Pharmacy Fund—Robert B. Hall

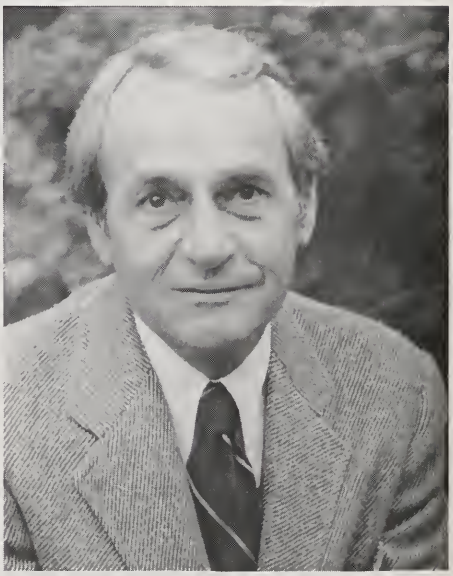
PRIZE DRAWING

ANNOUNCEMENTS

ADJOURNMENT



W. H. Wilson



Dr. Bernard Boyd

MONDAY AFTERNOON

No NCPhA Business program, and the following options are available for members and guests:

- TMA Golf Tournament—Green fees by Owens-Illinois
- Tour of Reynolda House—Admission fee
- Tour of Old Salem—Admission fee
- Tour of Schlitz Brewery—no admission charge
- Tennis

MONDAY EVENING

8:00 p.m.

The Wholesale Druggists of North Carolina entertain in the Regency Ballroom.

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

1975 Convention Committees

DONALD K. CHAPMAN, *General Chairman*

EXECUTIVE COMMITTEE

Donald K. Chapman, *Chairman*
A. C. Dollar, Jr.
G. C. Hartis, Sr.
James F. Lowder
Leslie M. Myers
Ernest J. Rabil
J. A. Way, Jr.

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G. R. Talbert
F. G. Weatherwax
Sandra B. White
John A. Wilkinson
Joseph H. Wilson



CONVENTION CHAIRMEN

W. F. Elmore (left), the TMA Entertainment Chairman for the Pharmaceutical Convention in Winston-Salem, has arranged for the Freddie Lee Orchestra to appear Tuesday night, April 15, in the ballroom of the Hyatt House.

Featured is the sound of the Big Band Era. Program presented under sponsorship of the TMA.

Mr. and Mrs. Donald Chapman (pictured below) have dual responsibilities in connection with the Winston-Salem Convention. Planning details for the various Auxiliary events have been arranged by Mrs. Chapman, assisted by committee listed on page 42 and the more than 50 pharmacists working with NCPhA Chairman Chapman are listed on page 39.



TUESDAY MORNING

April 15—9 a.m.
Regency Ballroom II & III

INVOCATION

SPECIAL PROGRAM "MIRROR-MIRROR"—How to Build Your Professional Image
Introduced by George A. Stevenson, National Pharmacy Affairs Coordinator for The Upjohn Company

Program Leader—Davis L. Schmidt

(This program which consumes the entire morning session, is made possible through an educational grant from the Upjohn Company.)

PRIZE DRAWING

ANNOUNCEMENTS

ADJOURNMENT

TUESDAY AFTERNOON

2:00 o'clock

CALL TO ORDER

REPORT:

North Carolina Board of Pharmacy—H. C. McAllister, Secretary-Treasurer

In the interim between annual conventions, the work of the N. C. Pharmaceutical Association is developed and produced by committees, who will at this time in the program, comment on their 1974-75 activities:

Committee on Community Pharmacy—R. Ragan Harper, Jr., Chairman
Committee on Consumer Affairs—W. Whitaker Moose, Chairman
NCPhA Institute/Endowment—B. Cade Brooks, Chairman
Committee on Institutional Pharmacy—W. T. Williams, Chairman
Committee on Mental Health—Hunter L. Kelly, Chairman
Committee on Professional Relations—C. Michael Whitehead, Chairman
Public Health and Welfare—Kenneth Edwards, Chairman
Continuing Education—Claude U. Paoloni, Chairman

REPORT:

N. C. Pharmaceutical Research Foundation—Charles D. Blanton, Jr., President

REPORT:

NCPhA Central Office and Fiscal Affairs—W. J. Smith, Executive Director

GREETINGS:

Woman's Auxiliary, NCPhA—Mrs. J. Weaver Kirkpatrick, President

CLOSING REPORTS

Committee on Nominations—James L. Creech, Chairman
Committee on Time and Place—
Committee on Resolutions—Thomas R. Burgiss, Chairman
Convention Attendance—A. H. Mebane, III, Registrar

INSTALLATION OF OFFICERS—W. Whitaker Moose

PRIZE DRAWING

ADJOURNMENT

WOMAN'S AUXILIARY CONVENTION COMMITTEES

Sue Chapman, *General Chairman*
Mary Garden Dollar, *Co-Chairman*

Welcome Nell Cahill, Mildred Ball, Debbie Ortman, Nancy Mayberry
Flowers and Favors Shelby Sitison, Virginia Warren, Flora Barker
Prizes Mary Garden Dollar, Linda Way
Luncheons Nancy Mayberry, Virginia Brantley, Rae Moir
Crafts Fair Shelby Sitison, Margaret Hartis, Edith Myers
Coffee June Watson, Janice Meadors, Joan Cox
Special Events Linda Way, Shelby Sitison, Pat Harrison
Buses June Watson, Joan Cox
Reynolda House Delores Ferguson
Pages Mary Garden Dollar, Joan Lennon, Margaret Hartis
Publicity Edith Myers, Joan Landreth

CONVENTION INVITATION

Dear Ladies:

We in Winston-Salem are getting excited about your visit with us for our State Convention on April 13, 14, and 15. Many exciting plans are underway, and our main concern is your pleasure.

- A tour of the beautiful Reynolda House,
- an exciting Crafts Fair and Exhibition,
- a reception honoring UNC Pharmacy Dean & Mrs. Blaug,
- a banquet Sunday night at the Hyatt House, (and a chance to hear Dr. Bernard Boyd)
- a golf and tennis tournament for men and women,
- a luncheon at the Greenhouse in Hyatt House,
- and following the business session Tuesday, a luncheon at the Bermuda Run Country Club,
- a tour of Schiltz Brewing Company,
- and two evenings of delightful entertainment, including dancing.

These are only some of the activities which will make this one of the most exciting and enjoyable conventions ever.

We're sure you'll love your visit at our new Hyatt House where we'll have the red carpet rolled out for you. We hope you're looking forward to your visit as much as we are.

See you at CONVENTION time!!!

Mrs. Don Chapman
General Chairman

Dear Auxiliary Friends,

This year has nearly come to an end and I certainly want to take this opportunity to thank each of you for your many contributions and efforts in behalf of our Auxiliary. I must say the part I have enjoyed most is visiting and talking with all of you—I am most grateful for the welcome and friendliness shown to me in my travels, and I thank you for allowing me to be your President. It has truly been a wonderful experience.

I hope that all of you are making plans to attend our State Convention at the Hyatt House in Winston-Salem. Our Convention Committees have been hard at work making plans for a most successful convention, full of fun and good times, along with a business session, of course. We need *your* support to make this one of the best conventions yet!!

Your help is needed at our CRAFTS FAIR at the Convention. Any contributions you can make will be gratefully appreciated. It will be most interesting to see what articles will be for sale and on display.

Even though we are having "shortages" this year, we hope you will make a special effort and join us in Winston-Salem for a most enjoyable convention. Looking forward to seeing each of you.

Cordially,

Mrs. J. Weaver Kirkpatrick
President

WOMAN'S AUXILIARY

OFFICERS 1974-1975

President Mrs. J. W. Kirkpatrick, 224 Little Mountain Road, Waynesville 28786
1st Vice-President Mrs. M. E. Hedgepeth, Box 1006, Henderson 27536
2nd Vice-President Mrs. Loy M. McCombs, Box 7, Creedmoor 27522
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Parliamentarian Mrs. A. C. Dollar, 1017 Englewood Drive, Winston-Salem 27106
Historian Mrs. Bruce Medlin, Rt. 2, Box 425 J1, Pine Oak Drive, Charlotte 28210
Advisor Mrs. William G. Thames, 307 Lakeview Road, Hope Mills 28348
Advisor Mrs. James R. Hickmon, 1420 Paisley Avenue, Fayetteville 28304
Coordinator Mrs. W. J. Smith, 908 Arrowhead Road, Chapel Hill 27514

WOMAN'S AUXILIARY, NCPhA
1975 Annual Convention

Hyatt House — April 13-15
Winston-Salem — 1975

SUNDAY, APRIL 13

1:00 p.m.—Registration opens—Main lobby

Crafts Fair Opens—Robert E. Lee Room (continues through Monday noon)

4:00 p.m.—Reception honoring UNC School of Pharmacy Dean and Mrs. Blaug—Reception Deck

7:00 p.m.—Opening Session; Dinner; Presentation of Awards; Guest Speaker (Dr. Bernard Boyd)—Regency Ballroom

MONDAY, APRIL 14

9:45 a.m.—Depart for the home of Mrs. Howard Fox for a morning Coffee. Transportation by private auto, courtesy of members of the Apothecary Club.

1:00 p.m.—Luncheon—Fashion Show—Hyatt House Garden Terrace

Options following Coffee or during Monday afternoon

Tour of Reynolda House—admission fee
Tour of Old Salem—admission fee
Tour of Schiltz Brewery—no admission fee
TMA Golf Tournament—green fees by Owens-Illinois
Tennis—details from registration desk

8:00 p.m.—Entertainment sponsored by the Wholesale Druggists of North Carolina—Regency Ballroom

TUESDAY, APRIL 15

10:00 a.m.—Woman's Auxiliary Coffee and Annual Business Session—Regency Ballroom IV

12:00 noon—Depart by bus for luncheon at Bermuda Run Country Club

8:45 p.m.—TMA Entertainment—Regency Ballroom





Leonard G. Phillipps, Jr.
Chairman



W. H. (Bill) Andrews
Co-Chairman

100 Participants Expected for Golf Tournament
Pinebrook Country Club—Winston-Salem, North Carolina
Monday, April 14, 1975

11 a.m.—TMA members tee off
1 p.m.—NCPhA members and others tee off

Complimentary food and refreshment service at the Golf Course

Your name will be inscribed on one of the trophies (on permanent display, Institute of Pharmacy, Chapel Hill) pictured on the opposite page if you are one of the high or low scorers. Three divisions: NCPhA, TMA and Ladies. You must be a convention registrant to participate in tournament. Pairings, rental of clubs and golf cart, is the responsibility of participants.

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Officers 1974-1975

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Ray McArtan Dunn, North Carolina
C. Rush Hamrick, Jr. Shelby, North Carolina
Joe S. Sutton Charlotte, North Carolina

PROGRAM

Sunday, April 13

(All events in The Hyatt House unless otherwise noted)

1:00 p.m.—Registration opens.
1:00 p.m.—Crafts Fair Opens—Robert E. Lee Room
4:00 p.m.—Reception honoring Dean and Mrs. Seymour Blaug—Reception Deck
7:00 p.m.—Open Session: Dinner, presentation of awards and guest speaker (Dr. Bernard Boyd)—Regency Ballroom.

Monday, April 14

11:00 a.m.—Golf Tournament at Pinebrook Country Club
2:00 p.m.—Tour of Schlitz Brewing Company
2:00 p.m.—Tennis Tournament
8:00 p.m.—Entertainment sponsored by Wholesale Druggists of North Carolina—Regency Ballroom

Tuesday, April 15

11:00 a.m.—Annual TMA Business Session—Granville, Zinzendorf & Winston Rooms
8:45 p.m.—Entertainment sponsored by the TMA of the NCPhA—Regency Ballroom

TO PARTICIPATE IN THE GOLF TOURNAMENT, YOU MUST BE A CONVENTION REGISTRANT—SO REGISTER AND WEAR YOUR BADGE PROUDLY.

CONVENTION SPONSORS

In appreciation for substantial support of the 95th Annual Meeting of the North Carolina Pharmaceutical Association and Affiliated Auxiliaries, grateful recognition is expressed to the following

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YOUNGS DRUG PRODUCTS CORPORATION

SPECIAL EVENTS

Reception honoring UNC Pharmacy Dean and Mrs. Seymour Blaug
Sponsored by Burroughs-Wellcome Company

David Schmidt's 3-hour presentation: How to Build your Professional Image
Made possible by an educational grant from The Upjohn Company

Pharmacy Student Participation: National Pharmaceutical Council

ENTERTAINMENT

Golf Tournament: Sponsored by Owens-Illinois (Rx Products)
Par Four Quartet and D. L. Hiatt's Phasing Sounds
Sponsored by The Wholesale Druggists of North Carolina
The Freddie Lee Orchestra: Sponsored by the Traveling Men's Auxiliary of the NCPhA

PRIZE BOXES: Lance Inc.

CONVENTION PICTURES: Colorcraft Corporation

CONTRIBUTING SPONSORS TOWARD WOMAN'S AUXILIARY EVENTS

N. C. MUTUAL WHOLESALE DRUG COMPANY
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Classified advertising (single issue insertion) 10 cents a word with a minimum charge of $3.00 per insertion. Payment to accompany order.

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In replying to "blind" ads, address Ad. No. ———, Carolina Journal of Pharmacy, P. O. Box 151, Chapel Hill, N. C. 27514.

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P. O. Box 953
Swansboro, NC 28584

Or phone: 326-4403 8 to 5 p.m.
At night call 326-8613

RX FOR AILING ACCOUNTS:

ncphA member reports collecting $4,500 from 404 accounts submitted (6 months to 8 years old) on which a 25% collection fee paid. Member says other systems tried did not match performance of the NCPhA-sponsored collection service.

BROADWAY

John L. Talley of the Broadway Drug Store was tied with a belt and held at gunpoint as a lone thief took a small quantity of CS drugs from the pharmacy. The man used a crowbar and a hammer to rip a hole in the roof of the pharmacy.

KINSTON

Kinston police arrested a Goldsboro woman and charged her with two counts of attempting to obtain CS drugs with forged prescriptions.

MEDICAID RX FEE SURVEY

A total of 642 completed ballots were returned with the following results:

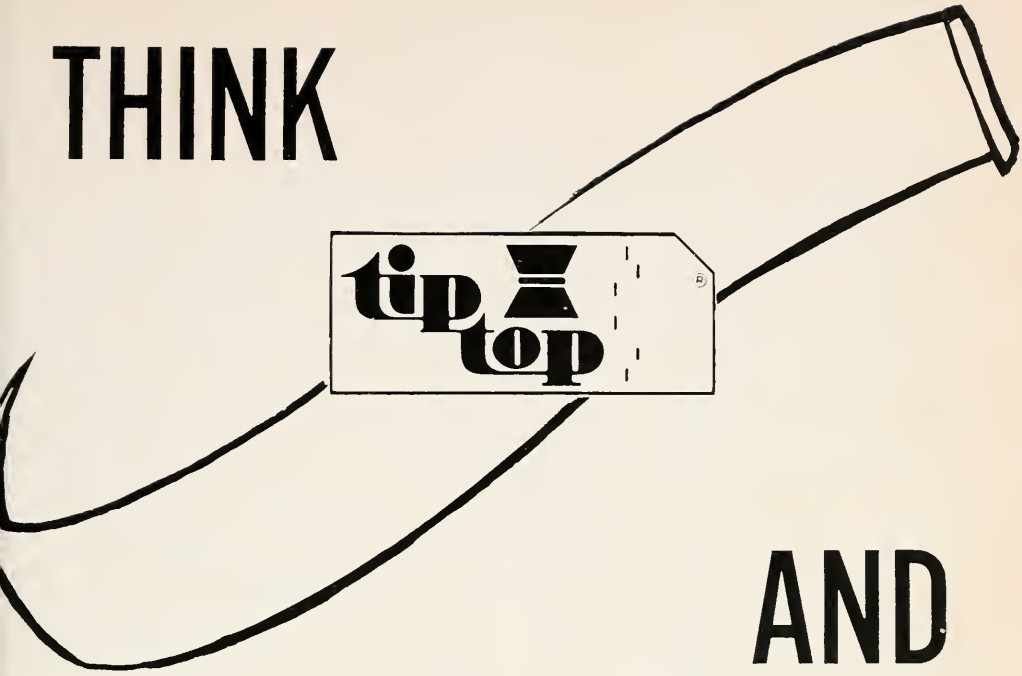
163—Continue Medicaid Rx Program without change.
438—Favor $2.50 fee with limit of one fee per month for same drug.
41—Do not favor either of above, mostly favor $2.50 without limitation or fee increase to as high as $5.00.

The results of the mail ballot were certified to Mr. Benny Ridout who, on March 19th, recommended and secured endorsement of the $2.50 fee with limitation by the Social Services Board.

Since the recommendation involves additional state and federal funds, the recommendation must be included in the SS budget request to the N. C. General Assembly, which, if granted, would be effective July 1. For time being, program continues as is. More about this at the NCPhA Convention, Winston-Salem.



THINK



AND

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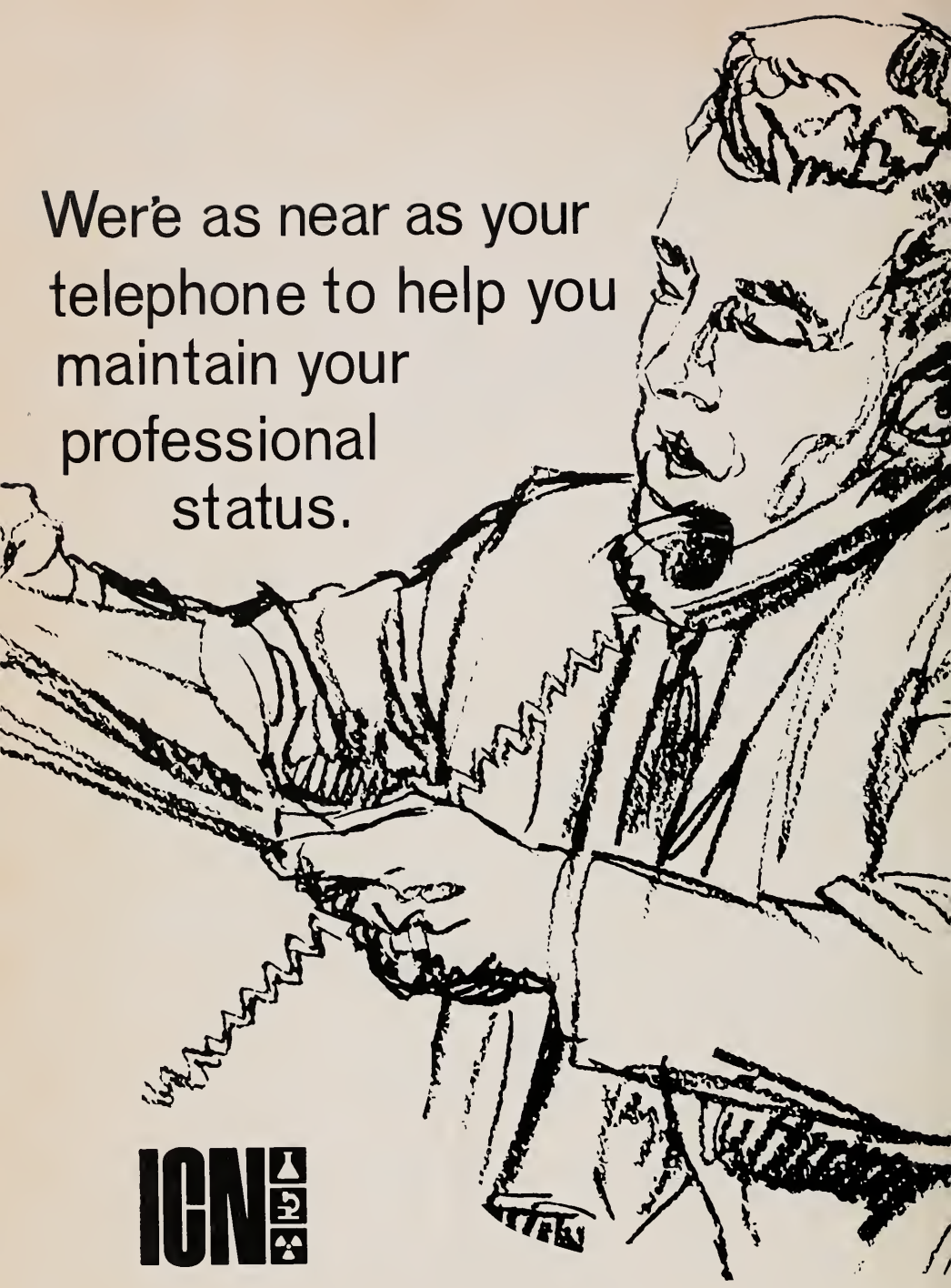
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The Carolina **JOURNAL OF PHARMACY**

Volume LV **May 1975** **Number 5**



NCPhA President W. H. Wilson and Mrs. Wilson are pictured with E. R. Squibb medical service representative William W. Jordan of Raleigh following presentation of the Squibb President's Award to Mr. Wilson. The presentation ceremony took place at the 95th annual meeting of the NCPhA and Affiliated Auxiliaries in Winston-Salem on April 13. Photo by Colorcraft.

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The Carolina JOURNAL OF PHARMACY

May, 1975

Vol. LV No. 5

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CONVENTION NEWS

Complete details of the 95th annual convention of the NCPhA and Affiliated Auxiliaries will appear in the June issue of The Carolina Journal of Pharmacy.

A number of committee reports, prepared prior to the convention, appear in this issue of The Journal. Others will follow as space permits.

DIU ACTIVITY RESULTS IN MD/PHARMACIST ARRESTS

In a state-wide crackdown on illegal diversion of CS drugs, agents of DIU (Diversion Investigative Unit) have arrested a number of doctors and pharmacists. One report indicates more than 100 persons will be involved before the current investigation is completed.

The doctor arrests have been based on charges the issuance of CS prescriptions did not result from a bona fide doctor/patient relationship.

Background: In 1974, the DIU unit was set up within the State Bureau of Investigation with funds provided by the federal government (Department of Justice). Purpose of the Unit is to cut off the illegal flow of drugs to non-authorized persons.

Additional information will appear in The Carolina Journal of Pharmacy as DIU continues its activity.

CHARGED WITH VIOLATION OF CS ACT

Jack P. Austin of Four Oaks, owner and operator of Austin's Drug Store, and his pharmacist, Joseph P. Thorne, have been charged in warrants with violations of the North Carolina Controlled Substances Act.

The defendants have posted $8000 in bonds pending a hearing on the charges brought by an agent of the State Bureau of Investigation.

DRUG THEFTS COULD BE U.S. CRIME

Robbery or attempted robbery of CS drugs from a pharmacy would be a federal offense under legislation introduced by Rep. James G. Martin of North Carolina.

In introducing the bill, Rep. Martin said that many persons have turned to pharmacies for drugs since drug laws have been tightened. This has led to a sharp increase in the number of burglaries and armed robberies at drug stores (average two a week in North Carolina).

Under the legislation, a minimum penalty of 2 to 20 years imprisonment would be imposed for an offense. Armed robbers could be sentenced to from 10 years to life imprisonment and fines could also be levied.

COUNTERFEIT DRUG LAB CLOSED

Officers of the Forsyth County Sheriff's Department has closed down a counterfeit drug laboratory and confiscated drugs estimated to have a street value of $500,000.

Most of the drugs seized were caffeine capsules that had been bought from a national drug company, hand-stamped locally with a trademark and passed off as amphetamines.

Foy Benton (Ben) Semones was arrested on charges of violating the Controlled Substances Act of North Carolina. He was jailed under $5000 bond.

Dear Mr. Smith:
Thank you for sending me the North Carolina Pharmaceutical Association's comments regarding the proposed MAC regulations. Your views are quite comparable to the official position taken by the AMA.

Best personal regards.

Malcolm C. Todd, M.D.
President
American Medical Association

TO STAMP THIEF

Will you please return the $2.00 worth of 10 cent stamps taken from the CSA exhibit during last month's Convention in W-S? The stamps were intended for convenience of reply by Conventioneers to CSA's pharmacy advertising display. Their "hi-jacking" was an exercise in unprincipaled humor.

P.S. While you're at it, how about returning my No. 2 lead pencil, also.

P.P.S. Or, if you'd like to swap: One year's CSA advertising service (choice of four), $2.50 off, and you keep the stamps and pencil! Thank You. WJD—CSA—Raleigh.

RALPH ROGERS, JR. RECEIVES DS AWARD AT UNC

Named as the recipient of the 1975 UNC School of Pharmacy Distinguished Service Award is Ralph Peele Rogers, Jr. of Durham.

The Award is made annually in recognition of the individual, other than faculty or student, who has made outstanding contributions to the instruction, research and/or service functions of the School. Mr. Rogers has shared his extensive experience and business acumen with pharmacy students in the areas of pharmacy administration and computer techniques.

Mr. Rogers, 1949 graduate of the UNC School of Pharmacy, is Executive Vice-President of the N. C. Mutual Wholesale Drug Company of Durham. He is involved in many local, state and national organizations including: Board Chairman and past President of the Federal Wholesale Druggists Association of the United States and Canada; Chairman, Durham County Mental Health Advisory Committee; Representative, Duke University National Council; Vice Chairman, Durham County Board of Health and Gubernatorial Appointee to the Research Triangle Planning Commission. He is also Vice President of the N. C. Pharmaceutical Research Foundation (NCPRF) and is a member of the N. C. Academy of Pharmacy and the N. C. Pharmaceutical Association.

Mrs. Rogers is the former Elizabeth (Lib) Stutts of Erwin, N. C. The Rogers' son, DeWitt, is completing his graduate studies at the Columbia School of Journalism. Their daughter, Jean, is a sophomore at the University of North Carolina.



While the recent NARD Legislative Conference was in progress in Washington, the North Carolina delegation conferred with the two Congressmen pictured, and others.

Standing, *left to right:* W. H. Wilson, Jesse M. Pike, Sr., Congressman David N. Henderson, L. M. Whaley, W. J. Smith, and Congressman L. H. Fountain.

Seated, *left to right:* Mrs. Smith, Mrs. Whaley, and Mrs. Henderson.

FAYETTEVILLE PHARMACIST IS HONORED BY NCPhA FOR OUTSTANDING COMMUNITY SERVICE

B. Cade Brooks, a community pharmacist in Fayetteville, has been honored by the North Carolina Pharmaceutical Association as its 1975 recipient of the A. H. Robins "Bowl of Hygeia" Award, for outstanding service to his community.

The award plaque was presented to Brooks, owner of Fayetteville Drug Company at 114 Gillespie Street, on April 13 during the association's annual convention in Winston-Salem.

Larry M. Rhye, CMR, medical service representative in the South Atlantic Division of A. H. Robins Company, presented the award on behalf of the North Carolina association. Also participating in the ceremony was the association's president, W. H. (Bill) Wilson of Raleigh.

The recipient is a native of Palmerville, and received his training in pharmacy at the University of North Carolina.

Brooks is a member of the Cumberland County Better Health Foundation, which he has served as treasurer for 15 years. He is also a director of the Fayetteville Academy, and of the North Carolina Mutual Wholesale Drug Company. He is a member of Snyder Memorial Baptist Church. During World War II, he served for two years on active duty with the U. S. Navy.



B. Cade Brooks (center), Fayetteville community pharmacist, receives the A. H. Robins "Bowl of Hygeia" Award—for outstanding community service by a pharmacist—from Larry M. Rhye, CMR, medical service representative in the South Atlantic Division of A. H. Robins Company. Looking on at right is W. H. (Bill) Wilson of Raleigh, president of the North Carolina Pharmaceutical Association, which presents the award annually to a North Carolina pharmacist. The ceremony took place April 13 during the association's annual convention in Winston-Salem. Photo by Colorcraft.

In pharmacy, he is a member and past president of the North Carolina Pharmaceutical Association, and has served for seven years on its executive committee. He is the 1975 president of the North Carolina Association of Professions, and a past president and treasurer of the Cape Fear Pharmaceutical Society. He is a director of the North Carolina Pharmaceutical Research Foundation, and a past chairman of the Pharmacy Political Action group.

On the national level, he is a member of the American Pharmaceutical Association, the National Association of Retail Druggists, and Rho Chi.

The Bowl of Hygeia, most widely recognized international symbol of pharmacy, derives from Greek mythology.

The "Bowl of Hygeia" Award, presented annually through the North Carolina Pharmaceutical Association, is a handsome mahogany plaque measuring 10 by 13 inches and featuring the Bowl of Hygeia cast in bronze. It is modeled after a sterling silver bowl made by a Mexican silversmith and given to the A. H. Robins Company by its Latin American representatives in 1953 on the Richmond (Va.) ethical pharmaceutical manufacturing firm's 75th anniversary.

An appreciation of the time and personal sacrifice devoted by pharmacists to the welfare of their respective communities prompted E. Claiborne Robins, chairman of the board and chief executive officer of the company, to establish the award in 1958.

LEWIS NAMED REGIONAL MANAGER

Bill Lewis, 46, has been appointed Regional Manager for I. C. Systems, Inc., the company providing the association endorsed collection service. He is now responsible for all sales and service operations in North Carolina, South Carolina, Virginia and West Virginia. The previous manager, Ron Wermes, has accepted an appointment to manage the company's East Central Region.

Bill brings with him a strong sales and management background from both within and outside I. C. Systems, Inc. For the past year and a half he was a leading I. C. Systems, Inc., Representative in Virginia.

He and his wife, Charlotte have three children and live in Virginia Beach, Virginia.

NPC ANNOUNCES STAFF CHANGES

Claude V. Timberlake has been named Senior Vice President of the National Pharmaceutical Council, Irwin Lerner, Chairman of NPC's Executive Committee and Board of Directors announced this week.

Replacing Mr. Timberlake in the position of Vice President (Pharmacy and Hospitals), which he has held for the past nine years, will be Miss Gloria R. Sabatini. A pharmacist and graduate of the Temple University School of Pharmacy, Miss Sabatini resigned recently from the Department of Health, Education, and Welfare where she had served as Assistant Administrator for Policy Coordination in HEW's Social and Rehabilitation Service. Previously she had been Director of Health and Welfare Activities for Smith Kline and French Laboratories in Philadelphia.

Mr. Lerner also announced the appointment earlier in the year of Samuel C. Kaim, M.D., as Vice President (Medical Relations) replacing Dr. Benjamin B. Wells who had accepted a professorship at the University of Alabama's School of Medicine. Prior to joining NPC, Dr. Kaim was Director, Clinical Evaluation of Narcotic Antagonists, at the National Research Council—National Academy of Sciences, and had previously held positions in the Veterans Administration in charge of Research in Psychiatry and Neurology, and in drug abuse prevention.

As Senior Vice President, Mr. Timberlake will be associated closely with NPC president Vernon Trygstad in the overall management and direction of the Council's activities, and will continue his long held interests in professional relations with pharmacists, students, colleges of pharmacy, and their organizations.

Miss Sabatini, well known throughout pharmacy, will manage NPC's pharmacy-related programs and pharmacy professional relations activities. She will begin her new position on April 14.



TAR HEEL DIGEST

WINDSOR

Pharmacist William Pittman, Pugh's Pharmacy, is president of the Windsor Area Chamber of Commerce.

CARTHAGE

Clarence M. "Pat" Patterson has retired as manager and president of Shields Drug Company, ending a tenure of 38 years with the drug firm.

GASTONIA

A $500,000 civil suit has been filed by Pharmacist B. S. Lamm against Harris-Teeter Supermarkets and Eckerd's of North Carolina. The suit asserts that Harris-Teeter agreed to sell Lamm its Big M Pharmacy for $13,300. According to the suit, Eckerd's persuaded Harris-Teeter to break the contract.

EDEN

Joseph C. Estes, Jr., chief pharmacist at Annie Penn Memorial Hospital, Reidsville, at the March meeting of the Rockingham County Society of Pharmacists, presented a film on the role of the modern pharmacist in retail, hospital and research pharmacy.

WHITEVILLE

H. G. Dameron of Tabor City is one of a number of incorporators of the Columbus Standard Life Insurance Company, which initially will concentrate on term, 20-payment and whole-life coverage and endowment policies.

McCAIN

Tom Moore, Director of Pharmacy at McCain Hospital, spoke on "Anti-Tuberculosis Drugs" at a one-day institute on "Nursing Care of Tuberculosis and other Respiratory Diseases" in early April. The institute was a Christmas Seal Service arranged by the Mid-State Lung Association and the McCain Hospital staff.

DURHAM

Ralph P. Rogers, Jr., executive vice president of the North Carolina Wholesale Drug Company, is a director of the newly organized Investors Consolidated Insurance Company of Durham. The company will offer mass-marketed accident and health insurance plans throughout the state.

OVERMAN & STEVENSON CELEBRATES 50 YEARS

March 25th marked the 50th anniversary of the opening of the pharmacy—Overman & Stevenson—in Elizabeth City.

Appropriately, the Daily Advance of Elizabeth City devoted several pages of its March 25th issue to the pharmacy, with illustrations and background information.

The pharmacy was organized by Harold Overman, who died in 1963, and John Thomas Stevenson, a 1917 graduate of the UNC School of Pharmacy.

Today, four partners operate the pharmacy: Mr. Stevenson, Arthur Brothers, who joined the staff in 1950; Paul Stevenson, a son of the founder, who became associated with the pharmacy in 1959 following employment in Durham with the Durham Drug Company; and R. S. Bunn, who has been with the pharmacy since 1946.

The pharmacy is well known throughout Northeastern North Carolina and all of its staff have made major contributions to the advancement of pharmacy in the state. As an example, Pharmacist John Stevenson is a past president of the N. C. Pharmaceutical Association and his record of public, professional and religious service is an impressive one.



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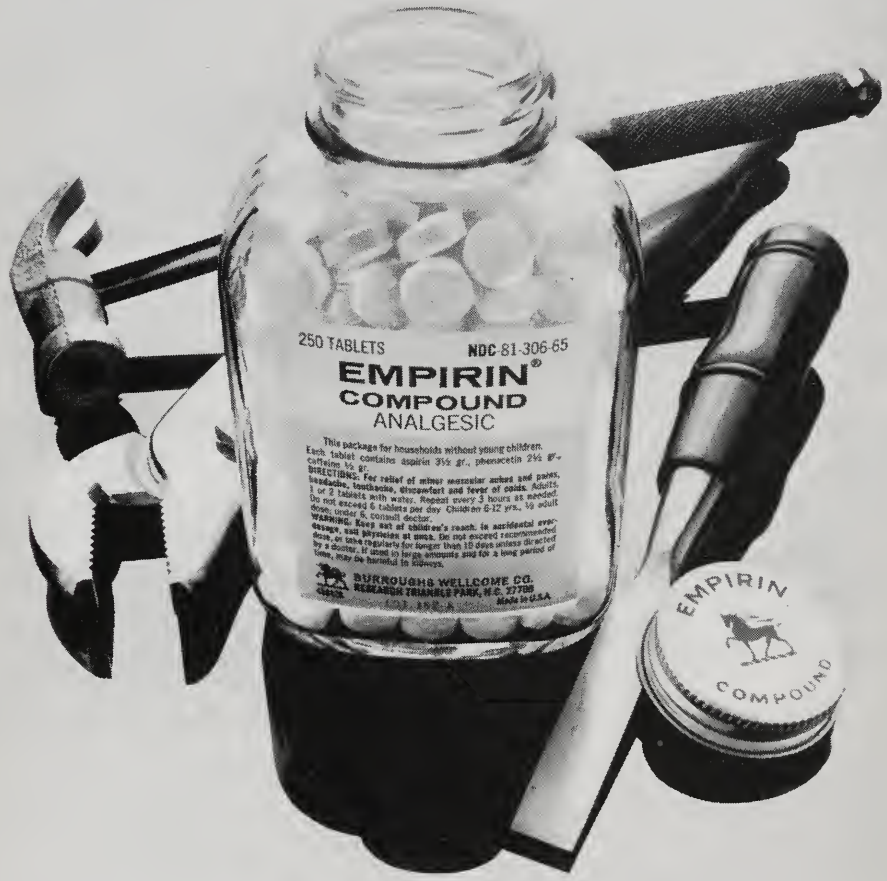
Each time you call in for an emergency requirement or simply depend on our representatives to provide what you need, your request is handled by a whole team of experienced personnel. From our warehouse to your door you might say our In Stock stacks up better than anybody in the business. Put us to the test and see how we stack up for you.

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DISASTERS

Major and Minor

SMITHFIELD

Eckerd's Drugs, Rose Manor Shopping Center. Thieves entered the store by ripping a hole in the roof, then removed several cartons of cigarettes and a quantity of Non-Rx medication.

SOUTHERN PINES

Mann's Drug Store, Town & Country Shopping Center. A thief who broke through the front door of the store, dashed inside, grabbed some CS drugs and escaped before police could respond to the burglar alarm actuated by the break-in.

RALEIGH

Community Drug Store, 600 S. Blount Street. An undetermined amount of CS drugs and a recording device valued at $600 taken in a robbery of the store.

FOREST CITY

Smith's Drug Store, Main Street. Four Charlotte men were arrested in the store by police. At the time of the arrest, the men had filled a garbage can with drugs and had collected an assortment of merchandise in trash bags.

GUILFORD COLLEGE

Guilford College Drug Store. Three men have been arrested and charged with burglarizing the store in mid-March. An estimated $2000 in drugs and merchandise was taken in the robbery.

CONCORD

Park's Pharmacy, Union Cemetery Road. For the third time in six months, thieves made off with CS drugs and merchandise. Bars which had been placed over a window used as an entry point in two previous break-ins were unscrewed by the thieves.

WILSON

Wilson Drug Company, 114 South Tarboro Street. A lone gunman, armed with a pistol, robbed the drug company of $75.00 in cash.

MEBANE

Carolina Rexall Drugs. Pharmacist M. B. McCurdy, as he was closing the pharmacy for the day, was grabbed by three men who locked him inside the trunk of his car. One of the men then ordered Mr. McCurdy's son to open the store's safe but at this point, police arrived and the three men ran. They took with them two wallets, McCurdy's keys to his pharmacy and home, a pistol from McCurdy, and a cigarette lighter.

WEST JEFFERSON

Ray's Drug Store. Thieves broke open a safe and took a large quantity of CS drugs.

KANNAPOLIS

Eckerd's Drugs, U. S. 29. Two portable TV sets taken after front windows smashed.

THOMASVILLE

Mann's Drug Store #1, East Main Street. CS drugs valued at more than $1,500 taken in a break-in on April 4.

PRINCETON

Woodard Drug Company. Three men were arrested in Smithfield with cardboard boxes filled with CS drugs taken from Clow Drug Company. In a nearby car, police found CS drugs taken a short time before from Woodard Drug Company of Princeton. Two of the men were from Virginia, the other from Rhode Island.

(Concluded on Page 40)

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REPORT:

NCPhA COMMITTEE ON NATIONAL LEGISLATIVE AFFAIRS

BY W. SEYMOUR HOLT

Ladies and Gentlemen, it is a pleasure for me to appear before you this morning to give our committee's report of activities for 1974 and 1975. It is customary for the chairman of the committee to give this report, but our chairman, Mr. Jesse Pike, has asked me to act in his behalf, and I feel honored to oblige.

Your National Legislative Affairs Committee, consisting of Mr. Jesse Pike, Mr. Gerald Brunson, Dr. George Hager, Mr. Claude Timberlake, and myself, was a very active committee; and I will try, in a brief period of time, to give you the highlights of the committee's work and recommendations on several subjects of interest to all of us.

First of all, Generic Substitution, the committee recommends that this association oppose any effort to require a pharmacist to substitute a generic drug for a specific medication prescribed by a person authorized by law to prescribe. Generic substitution is a subject that demands and deserves the most thoughtful consideration. It requires an orderly, valid, scientific evaluation—product class by product class—to find the facts. The scientific resources of government, our academic institutions and industry should be mobilized to answer this compelling question.

Poison Prevention Act of 1970

The committee recommends a restudy of this act as it applies to prescription safety closures. The inability of the average prescription patient to handle the safety closure is a major complaint now being heard by pharmacists. While the basic intent of the act is good, it is causing problems for the pharmacist and for many of the pharmacist's patients. The committee recommends that our National Associations devote immediate attention to this problem, initially by a survey of the problem and then suggesting possible solutions.

The committee is aware that the cost of the closure is an element that must be included as part of the total cost of providing professional pharmacy services.

VA Prescription Services

The committee supports passage of the Teague Bill, which provides veterans freedom of choice in obtaining prescription drugs. Further, the committee suggests that the commanders of American Legion Posts be alerted to the negative aspects of mail-order prescription services. The committee suggests that written and signed statements be obtained, where possible, relating to complaints involving the mailing of prescription drugs and the long delay in VA dispensing units, dispensing of drugs far in excess of needs and the like. Statements should be sent to the North Carolina Pharmaceutical Association office in Chapel Hill.

National Health Insurance Proposals

There are more than twenty bills relating to the subject now pending in Congress with different approaches varying from federally to public financed benefits.

Many of the bills include provisions specifically designed to effect changes in the methods of delivery of health care services and/or to increase the supply of health manpower and resources. Since Pharmacy has a vital stake in the direction these health proposals take, the committee will maintain constant vigilance and recommend appropriate action when necessary.

Originally, it was believed some sort of national health insurance proposal would be enacted by Congress this year, but a slow down in the economic picture has altered the situation. Initially, some sort of catastrophic protection stands the best chance of being enacted.

Crimes Against Pharmacies

The committee urges prompt enactment of federal legislation relating to crimes against pharmacies, with particular reference to obtaining controlled substances by force.

The committee recommends that DEA restudy its position which has been in opposition to proposed legislation designed to alleviate the pharmacist's problem. At the same time, the committee commends DEA for the study now underway in the St. Louis area which, hopefully, will provide some needed answers to the problem.

In 1974, forced entry of North Carolina

(Continued on Page 15)


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Geigy
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Geigy
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Geigy
Tofranil
imipramine hydrochloride

NATIONAL LEGISLATIVE AFFAIRS

pharmacies averaged one a week. Now the average is up to two a week and growing.

The subject that your committee deemed most important was the *HEW proposal for Maximum Allowable Cost* for drugs or the *"MAC"* proposal. As a matter of fact, many of the committee members felt that the MAC proposal and related implications is the most serious problem to confront the profession of pharmacy in a decade.

Your committee met in Chapel Hill for two days to prepare a resolution which was sent to the Hearing Clerk, Food and Drug Administration, on January 8, 1975.

At this point in time, I would like to pay special tribute to Dr. George Hager who did an outstanding job of putting our proposal in writing. Your association has received many favorable comments concerning the statement submitted by your committee to HEW. Among these were Louis W. Busse, President of the Academy of Pharmaceutical Sciences, and Gloria Sabatini of the National Pharmaceutical Council.

The committee, acting in your behalf, opposed the MAC proposal, and I have tried to list what we feel would be the probable net effects of the MAC program. While the immediate effects may be both good and bad, the long-term effects of the proposed program would be uniformly bad for our nation and particularly for its pharmaceutical institutions, but most importantly for the health care of its citizens.

The probable short-term effects would be:

1) Lower federal Medicaid drug costs
2) Lower state Medicaid drug costs
3) Lower prescription prices
4) Price pressure on manufacturer, wholesaler, and retailer operations
5) Acute HEW administrative and political problems

The probable long-term effects would be:

1) *No* net savings to federal government—even though HEW budgets be reduced in the short-term
2) *Reduced* competition
 a) *Fewer* manufacturers, wholesalers, and retailers
 b) *Higher* prices because of:
 Reduced competition
 Less innovation
3) *Reduction* in the availability of drugs to patients
4) *Reduction* in the quality of drugs
5) *Less* research and development because of loss of investment funds

Less research and development results in:

 a) Less innovations
 b) Less competition
 c) Less productivity growth

6) A *deterioration* in U. S. international competitiveness and an adverse effect on U. S. balance of payments
7) *Increased* federal administrative expenses

I might mention that communications coming to the Hearing Clerk have been about 3:1 in opposition to MAC.

Let me now turn to *what has been happening since HEW published the proposed MAC regulations* in the *Federal Register.*

HEW was inundated with formal comments. More than 3,000 responses were sent in from individuals and organizations. All but a very few were highly critical of the proposal. Philosophical opposition was expressed by some. Others offered suggestions for improv-

(Concluded on Page 17)

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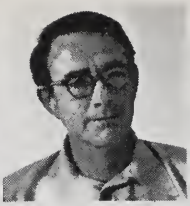
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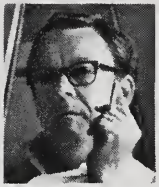

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DAVE SHELLMAN


CHARLIE EDWARDS


OLGIE TARR


JAMES TEACHEY


WALKER CRUMP


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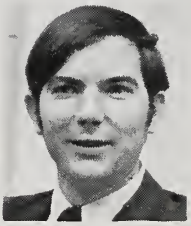

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NATIONAL LEGISLATIVE AFFAIRS

ing the regulations. There were even such strong reactions as threats of litigation. Challenges by the scientific and professional community centered around four basic questions:

1) Will MAC save money?
2) Is MAC scientifically sound and conducive to good medical practice?
3) Is price control of prescription drugs needed to contain drug costs?
4) With MAC, will as many new drug products continue to be available to the public?

Evidence submitted indicates that the answer to all four questions is an unqualified NO! MAC is fiscally irresponsible, would cost more to implement than it would save; it would undermine quality health care; MAC deals with the one part of Medicare/Medicaid where prices have been stable, ignoring the rest of the program which suffers from burgeoning costs; MAC would inhibit research and development of new drugs.

HEW, we hear, is not deterred. They are presumably considering the comments in preparation for issuing final regulations.

Secretary Weinberger has told Senator Nelson in hearings recently that the problems posed are not insurmountable, that MAC is a viable solution to cost containment, and that the plan will go forward.

I hope for the sake of pharmacy that the plan will not go forward, but at this point in time I cannot be optimistic that this will happen. The evidence which refutes virtually every HEW claim continues to be amassed. For example, an analysis by a former HEW actuary demonstrates that costs to the Federal and state governments will more than offset any reduced outlays. The study projects a net increase in government spending of $226 million over the first four years under MAC. Yet Mr. Weinberger is unswayed. Can reason prevail? I don't know, but I do know that *if* the country is to continue to survive, it is vital that public policy should be in the public interest and should evolve from public dialogue. We cannot afford to accept governmental programs promulgated without regard to either facts or the public's wishes. MAC is such a public policy, and we must resist swallowing the bitter pill. It is just plain bad medicine!

ABBOTT TO EXPAND NORTH CAROLINA INTRAVENOUS SOLUTIONS PLANT

Abbott Laboratories has announced plans for a $20 million expansion of its intravenour solutions plant in Rocky Mount.

The plant, on U. S. 301 north of Rocky Mount, already represents a $22 million investment. It now employs about 1000 persons and the addition will provide jobs for another 300.

GETS SET FOR ANOTHER 50 YEARS

When Pharmacist O. W. McFalls decided to sell Merritt Drive Drug Store (Greensboro), he looked around for a young industrious pharmacist who would keep the pharmacy going for another fifty years.

Pharmacist Wayne Smith of Pleasant Garden filled the bill. The change in ownership took place in late February.

NANCY CARROLL RETIRES

Nancy Carroll, a long-time employee of McKesson & Robbins Drug Company, Roanoke, Virginia Division, retired on March 31st.

In a communication mailed to her friends, Nancy said: "My thanks to those who have crossed my path; my life has been made richer by knowing you."

AVAILABLE: PEN/PENCIL WITH PHARMACY EMBLEM

If you are in the market for a high-quality Pharmacy gift, Pharmacist Ragan Harper has the answer: A Cross pen and pencil set with mortar & pestle emblem.

In order to obtain the writing instruments with the emblem, Ragan entered a quantity order which places him in position to supply the Cross pen/pencil sets to others.

The chrome set is $15.00. But if you prefer solid gold, gold filled or sterling silver, the sets are available.

Details from: Ragan Harper, Harper's Rx Pharmacy, Kings Mountain, N. C. 28086

PHARMACISTS LICENSED BY THE N. C. BOARD OF PHARMACY AS A RESULT OF THE MARCH 1975 EXAMINATIONS IN CHAPEL HILL, NORTH CAROLINA

6247 ADAMS, Jerry Keith, R-4, Box 74A, Marshall, N. C. 28753
6248 ANDERSON, Victor Frederick, 6519 Newberry Road #609, Gainesville, Fla. 32601
6249 ANGLE, Ann Zehner, 402-F E. Montcastle Drive, Greensboro, N. C. 27406
6250 BENFIELD, Patricia Maria, P. O. Box 59, Rutherford College, N. C. 28671
6251 BETHUNE, Richard Arnold, Eastbrook Apt. 301-A, Greenville, N. C. 27834
6252 BRIDGES, George Hines, 2044 Birchcrest Drive, Charlotte, N. C. 28205
6253 BYNUM, Terry Dennis, 2030 Bedford Street, Apt. 19, Durham, N. C.
6254 CAIN, Eric Howard, 1327 North 6th Street, Albemarle, N. C. 28001
6255 CAUSEY, Carol Ann Shea, 1323 Woodberry Road, Charlotte, N. C.
6256 CLOWER, Daniel Bowie, 291 White Pine Drive, Asheville, N. C. 28805
6257 COOR, Lawrence Banks, Route 1, Box 386-18, Smithfield, N. C. 27577
6258 CRADDOCK, Cynthia Leigh, 3219 Ferncliff Road, Charlotte, N. C. 28211
6259 CRANFORD, Ann Martin, 3015 Royalton Drive, Greensboro, N. C. 27406
6260 CRISCO, Shirley Smith, Route 14, Box 624-R, Charlotte, N. C. 28214
6261 DRAPKIN, Edward Carl, 3533 Rosemont Avenue, Winston-Salem, N. C. 27107
6262 DRUM, David Charles, 518 Hammond Street, Rocky Mount, N. C. 27801
6263 EDMUNDSON, Edward Stanley, III, 93 Maxwell Road, Chapel Hill 27514
6264 FELLOWS, Elizabeth Stimpson, 3418 Huntleigh Drive, Raleigh, N. C. 27604
6265 FLIPPIN, Jacquelyn Sue, Route 3, Mountain Shadows Apt. 5, West Jefferson, N. C. 28694
6266 FLOYD, Roy Neal, Route 3, Box 30D, Wadesboro, N. C. 28170
6267 FORD, Constance Starnes, 1340 Hendersonville Road, Asheville, N. C. 28803
6268 GASTER, Anthony Wayne, 501 Lindsey Street, Apt. 5, Reidsville, N. C. 27320
6269 HAINES, Paula Clayton, 1933 Ardsley Road, Rockingham, N. C. 28379
6270 HERSHKOWITZ, David, 320 Reade Road, Chapel Hill, N. C. 27514
6271 HIPP, Steven Walker, 1107-D Olive Street, Greensboro, N. C. 27401
6272 HUDSON, Marian Sue Parsons, Apt. 3-C, Austin Apts., 801 E. Main Street, Aberdeen, N. C. 28315
6273 HUFFSTETLER, Dorothy Carnes, ATM Apt. Granville South, Chapel Hill, N. C. 27514
6274 HUMPHREY, Beverly Frances, P. O. Box 184, Farmville, N. C. 27828
6275 INMAN, John Keith, 972 Marcus Drive, Apt. 14, Newport News, Va. 23602
6276 JACKSON, Wilton Evans, Jr., 208 North 4th Street, St. Pauls, N. C. 28384
6277 JONES, Durwood Ray, P. O. Box 233, Four Oaks, N. C. 27524
6278 JUMP, Richard Phillip, 3536-H Lynhaven Drive, Greenhaven Apts., Greensboro, N. C. 27406
6279 JUSTICE, Ralph Preston, Jr., 101 Westwood Chateau Apts., Marion, N. C. 28752
6280 KILGORE, Susan Messer, P. O. Box 582, Banner Elk, N. C. 28604
6281 LEWIS, Patricia Mac, Box 147, Parkton, N. C. 28371
6282 LONG, Larry Stuart, 3114-C Yanceyville Street, Greensboro, N. C. 27405
6283 MANN, Emmie Gardner, 1821-D Merritt, Greensboro, N. C.
6284 MASON, Andrea Lynn Cobb, Box 261, Carrboro, N. C. 27510
6285 McCONNELL, James Kenneth, P. O. Box 705, Newton, N. C. 28658
6286 McIVER, Ann Shepherd, 2605 Cromwell Road, Raleigh, N. C. 27608
6287 MOORE, James Oliver Foy, 3720 Trent Road, New Bern, N. C. 28560
6288 MORTON, Paul Allen, 206 South Currie Street, Wallace, N. C. 28466
6289 PERRY, Sonja Melissa, 1922 Trawick Road, Raleigh, N. C. 27604
6290 RALSTON, Lynda Caroline, 80 Pumpkin Center Road, Jacksonville, N. C. 28540
6291 RICE, Gregory Keith, Route 6, Nature Trail #235, Chapel Hill, N. C. 27514

6292 RICHARDSON, Curtis Leroy, Jr., 301 North Avenue, Concord, N. C. 28025
6293 RIPLEY, Vickie Corbett, 5305 Century Avenue—3, Middleton, Wis. 53562
6294 ROACH, Elizabeth Beck, 3939 Old Wake Forest Road, Apt. 264, Raleigh, N. C.
6295 RUSSELL, Stephen Gaddy, Apt. 121, Westside Manor Apts., Salisbury, N. C. 28144
6296 SEWELL, Teresa Yvonne, 1310-15 King's Arms Apartments, Ephesus Church Road, Chapel Hill, N. C. 27514
6297 SHERARD, Gene Stevenson, Jr., 3533 Rosemont Avenue, Winston-Salem, N. C.
6298 SINNETT, Thomas Gail, P. O. Box 7526, Greensboro, N. C. 27407
6299 SMITH, William Denny, P. O. Box 426, Elizabethtown, N. C. 28337
6300 SPAINHOUR, Randolph Fletcher, P. O. Box 1133, Burgaw, N. C. 28425
6301 STEVENS, Timothy Shea, 3718 Cora Drive, Winston-Salem, N. C. 27107
6302 STEWART, Chalmas Craig, Apt. F-1 Tau Valley, Rocky Mount, N. C. 27801
6303 SWINGLE, Diane Lincoln, 860 Beacon Street, Apt. 704, Boston, Mass. 02115
6304 TAYLOR, Doris Ann, 1104 Branch Street, Goldsboro, N. C. 27530
6305 TUCKER, Michael Haskins, Route 5 (River Road), Box 213, Washington, N. C. 27889
6306 WALTON, William Edward, Jr., 4420 Leesville Road, Raleigh, N. C. 27612
6307 WHITE, Sandra Brown, Route 2, Box 193, Lewisville, N. C. 27023
6308 WILSON, Robert Charles, Jr., 151 Craige Dorm, Chapel Hill, N. C. 27514
6309 WRIGHT, Keith Harrison, 2-E Booker Creek Apts., Chapel Hill, N. C. 27514
6310 YOUNG, Janet Perry, 3024 Farrior Road, Raleigh, N. C. 27607

PAMELA JOYNER APPOINTED TO WAKE AHEC POST

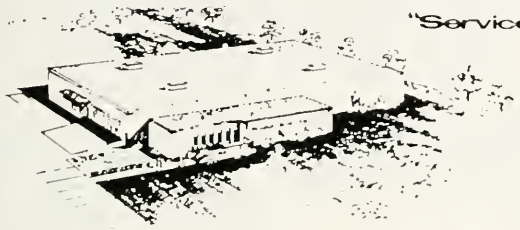
Mrs. Pamela Upchurch Joyner, formerly Staff Pharmacist, Wake County Memorial Hospital, Raleigh, has been appointed Pharmacy Coordinator in the Wake Area Health Education Center in Raleigh (AHEC).

In her new position Mrs. Joyner will provide leadership for numerous pharmacy education programs for undergraduates, graduates, and practicing pharmacists in the Wake AHEC service area, which includes Franklin, Granville, Johnston, Lee, Vance, Wake, and Warren counties. She will be engaged in the development of clinical pharmacy activities in hospitals, providing drug information services to health professionals, participating in drug-related inservice education programs for health practitioners, assisting in the development of drug-related patient education materials, and acting as a liaison between the UNC School of Pharmacy and the Wake AHEC in planning and coordinating student externships, continuing education programs, etc.

Mrs. Joyner is a graduate of the UNC School of Pharmacy. She is a member of local, state, and national professional pharmacy organizations, including the American Society of Hospital Pharmacists and the American Pharmaceutical Association.

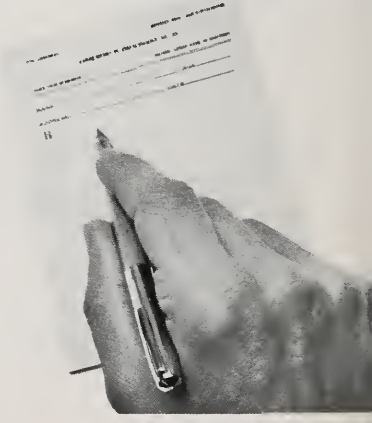
Mrs. Joyner, the former Pamela Upchurch, is married to Michael Joyner and they live in Raleigh.

Dr. John C. Key is the Director of the Wake AHEC and Professor Claude U. Paoloni is the Director of the UNC School of Pharmacy's Area Health Education Center program.


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Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document: (a) chemical equivalence; and (b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or (c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
Washington, D.C.
20005

P·M·A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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YOU'RE TOO SMART FOR THIS

From *Estate Planners of South Carolina* comes this "Will" which is actually your will if you haven't taken the "time and trouble" to have one drawn. Association Executives are looked to by their members for advice and guidance on many matters, but I'll bet we'd all be surprised to know how many readers of this article do not have a will. As we said, they really do have one, and here it is:

WHEN A PERSON DIES WITHOUT HAVING MADE HIS WILL, THE LAWS OF DESCENT OF HIS HOME STATE BECOME "HIS" LAST WILL AND TESTAMENT

Being of sound mind and memory, and preferring not to establish condition other than those provided by Law, I_____, do hereby accept this as my last Will and Testament, in accordance with the Law.

FIRST, I give my wife only one-third of my possessions, and I give our children the remaining two-thirds. I appoint my wife as guardian of our children, but as a safeguard I require that she report to the Probate Court each year and render an accounting of how, why and where she has used any of the money and possessions they inherit from me. As a further safeguard, I direct my wife to purchase and pay for a Performance Bond to guarantee that she exercises proper judgment in the handling, investing and spending of the children's money. If the combined income and payments to our children from inherited property and Social Security is large enough to disqualify my wife's claiming them as tax exemptions, and she thereby must pay more income tax from *her* limited income, that's her tough luck. As a final safeguard, my children shall have the right to demand and receive a complete accounting from their mother of all of her financial actions with their money as soon as they reach legal age. As each of our children attains legal age, each shall have full rights to withdraw and spend his share of my estate. No one shall have any right to question my children's actions on how they decide to spend their respective shares.

SECOND, Should my wife remarry, her second husband shall be entitled to one-third of everything she possesses. However, her second husband shall not be bound to support my children.

THIRD, Should my wife predecease me or die while any of my children are minors, I do not wish to exercise my right to nominate the guardian of my children. I direct my relatives and friends to get together and select a guardian by mutual agreement. In the event that they fail to agree on a guardian, I direct the Probate Court to make the selection. If the Court wishes, it may appoint a stranger.

FOURTH, Because I prefer to have my money used for governmental purposes rather than for the benefit of my wife and children, I have directed that no effort be made to use legitimate ways to lower death taxes.

Without witnesses, my signature to this instrument is omitted, neither being necessary to effect this, my last Will and Testament.

(Surely this isn't what you wish for your family. None of us work for a living to provide this kind of headache for loved ones. The problems faced by this event are great. The time involved to prevent them is small.)

GREENSBORO AUXILIARY MEETS

Reported by
Mrs. Roger C. Barricks

The Greensboro Drug Club Auxiliary met at the Quality Court Motel on March 25, 1975 at 11:45 a.m. for lunch.

Mrs. J. Frank Pickard gave the devotional.

The hostesses were: Mrs. Reid Sandford, Mrs. W. P. Brewer, and Mrs. S. T. Forrest.

Mrs. A. H. Mebane introduced our special guest speaker, Mrs. J. Weaver Kirkpatrick, State President of the Woman's Auxiliary of the North Carolina Pharmaceutical Association. Mrs. Kirkpatrick discussed the plans for the 1975 Convention to be held at the Hyatt House in Winston-Salem, N. C. April 13-15.

The minutes were read and other reports given.

It was voted that our club donate $50.00 to the Consolidated Pharmacy Fund for student loans, also $50.00 to the Institute of Pharmacy, and that the Scholarship Fund be $300.00.

Mrs. R. F. Whiteley received our door prize.



It is your business if she didn't take her high blood pressure pills today!

"How's your back today?" . . . "Did the antacid work?"

Sound familiar? Such questions are common in the pharmacy today, showing that the pharmacist—as a key member of today's health team—is interacting with his patients/customers because he is deeply concerned.

"Mrs. Jones, did you take your high blood pressure pills today?"

An especially important question, because more and more physicians are treating hypertension earlier and more vigorously to help reduce the risks of eventual organ damage. Missed medication spells danger, since such neglect may become a habit. Many pharmacists consider it their professional responsibility to interact positively with patients/customers on advice concerning adherence to antihypertensive regimens.

Such opportunity for interaction will increase in the months and years ahead as more patients come into the treatment system. Because the problem is so tremendous—23 million Americans are hypertensive, yet only half are detected and only an eighth are under adequate treatment—mass screening efforts have been organized throughout the country.

For example, CIBA has been conducting CHEC (Community Hypertension Evaluation Clinics) programs for more than a year across the nation. Many thousands screened, many thousands referred to their physicians.

CIBA is also launching a series of hypertension-oriented seminars for pharmacists' postgraduate education as part of our commitment to meet your needs.

The challenge is before us. Now is the time for true interaction to solve what is now recognized to be a major national health problem. **CIBA**

STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAilister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

(1) Revco Discount Drug Center, Crosscreek Mall, Fayetteville. James R. Hickmon, pharmacist manager.

(2) Eckerd Drugs, 316 South Tryon Street, Charlotte. Gertrude Dawson, pharmacist manager.

(3) Six Forks Pharmacy, Inc., Colony Shopping Center, Raleigh. Leonard E. Coats, pharmacist manager.

(4) Medical Center Pharmacy, 2203 S. Sterling Street, Morganton. William Bruce Cannon, pharmacist manager.

(5) P.S.A. Clinic Pharmacy, 425 U. S. Highway 70, Swannanoa. Michael D. Tolley, pharmacist manager.

(6) Kerr's Discount Drugs, 847 Fairview Road, Rocky Mount. Kay W. Eason, pharmacist manager.

(7 D-Rex Drugs of Taylorsville, Inc., 537 Main Avenue, Taylorsville. Keith E. Denny, pharmacist manager.

(8) Revco Discount Drug Center, 265 Eastchester Drive, High Point. James R. Smutney, pharmacist manager.

(9) Nichols Pharmacy, Highway 64 and 70, Newton. R. N. Sykes, Jr., pharmacist manager.

(10) Willow Drive Apothecary, 901 Willow Drive, Doctors' Building, Chapel Hill. F. Randolph Jones, pharmacist manager.

(11) Lamm's Mall Pharmacy, Inc., Gaston Mall, Gastonia. Ben S. Lamm, pharmacist manager.

TRANSFER OF OWNERSHIP

(1) Jacock's Pharmacy, Inc., 213-215 S. Poindexter Street, Elizabeth City. B. G. Roughton, pharmacist manager.

(2) Quality Drugs, Inc., 309 Central Avenue, Butner. William E. McKellar, Jr., pharmacist manager.

(3) Denton Drug Store, South Main Street, Denton. Roger W. Efird, pharmacist manager.

(4) Balsam Road Drug Center, 801 Balsam Road, Hazelwood. Mildred F. Matthews, pharmacist manager.

(5) Merritt Drive Drug, Inc., 806 Merritt Drive, Greensboro. Harold Wayne Smith, pharmacist manager.

(6) Scottie Discount Drugs, 118 Main Street, Clinton. J. E. Cameron, pharmacist manager.

(7) Melvin's Pharmacy, 1300 St. Mary's Street, Raleigh. Jerome K. Johnson, pharmacist manager.

(8) Economy Drug Center, 2221 South 17th Street, Wilmington. James W. Woodard, pharmacist manager.

LIMITED SERVICE PERMITS

(1) Nursing Center Pharmacy of Lenoir, 322 NuWay Circle, Lenoir. Rodgers S. White, pharmacist manager.

(2) Medical Facility Pharmacy, 900 W. Dolphin Street, Siler City. Sherlynn D. Powell, pharmacist manager.

(3) Campbell College Infirmary, Campbell College, Buies Creek. L. E. McKnight, Jr., pharmacist manager.

(4) Care Center Pharmacy, 3000 Holston Lane, Raleigh. Robert J. Allen, pharmacist manager.

(5) Nursing Center Pharmacy of Wilkes County, 1000 River Street, North Wilkesboro. Charles W. F. Gambill, Jr., pharmacist manager.

RECIPROCITY

(1) Charles Barry Hiatt from South Carolina

(2) Thomas LeRoy Schendel from Indiana

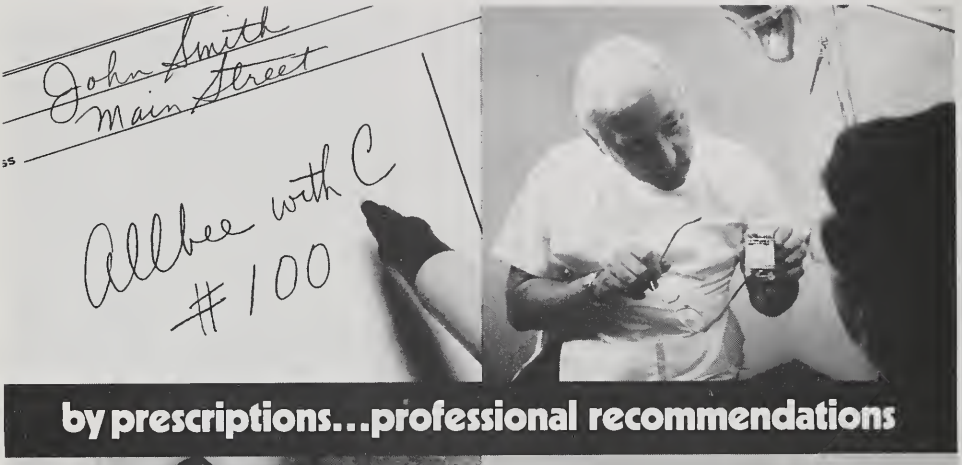
(3) Jesse Richardson Wood, Jr. from Georgia

(4) Archie Mears Bennett, Jr. from Kentucky

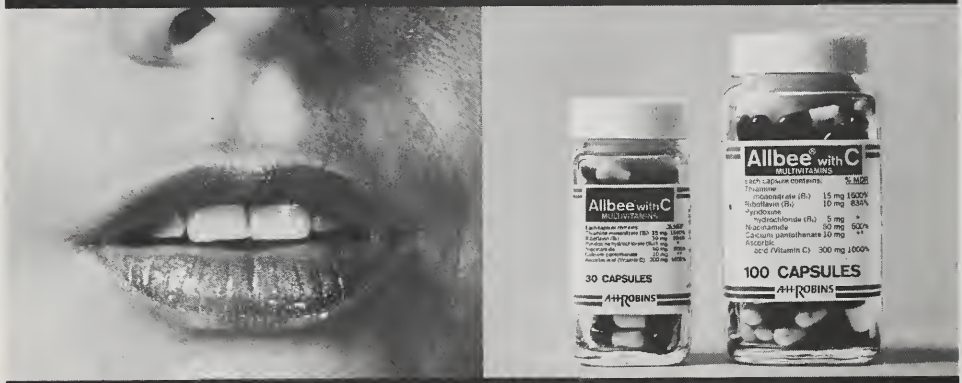
(5) Philip David Pedley from Ohio

(6) Betty Brown Revie from Virginia

(7) Randall Eric Wright from Iowa



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E. C. ROBINS TO RELINQUISH CHIEF EXECUTIVE OFFICER'S POSITION TO WILLIAM L. ZIMMER III

E. Claiborne Robins has announced that he will relinquish the title of chief executive officer of A. H. Robins Company on August 1, but will continue as chairman of its board of directors. He will observe his 65th birthday on July 8.

He told stockholders attending the company's annual meeting in Richmond that William L. Zimmer III will assume the duties of chief executive officer. Zimmer is now president and chief operating officer of the company.

A. H. Robins is a leading U. S. manufacturer of ethical pharmaceuticals, and through several subsidiaries also markets a variety of consumer products. The company had net sales of $210,713,000 in 1974.

Mr. Robins has been actively associated in the management of the company—founded by his grandfather, Albert Hartley Robins —since 1933 when he graduated from the Medical College of Virginia's School of Pharmacy. He served as president from 1936 to June 1970, when he became chairman of the board and chief executive officer.

Mr. Robins has held numerous positions of leadership in the industry. He is a member of the board of directors of the Pharmaceutical Manufacturers Association, and served as chairman of the board for the 1968-69 year.

Awards he has received include the Pharmacist-of-the-Year Award of the Virginia Pharmaceutical Association, in 1967; the Pharmaceutical Wholesalers Association Dean M. McCann Award for Distinguished Service in 1968, and the American Pharmaceutical Association's Hugo H. Schaefer Medal, in 1969.

He is the recipient of the honorary degrees of Doctor of Pharmaceutical Science from the Medical College of Virginia; Doctor of Laws, from the University of Richmond; and Doctor of Science in Pharmacy, from the Massachusetts College of Pharmacy.

Zimmer has been associated with A. H. Robins since 1952 when he was elected to its board of directors. He joined the company in 1955 as assistant secretary and filled several other offices prior to assuming his present position in June 1970.

A native of Petersburg, Va., he attended the University of Virginia where he received his Bachelor's degree in 1935 and his law degree in 1937. He is a member of the Richmond, Virginia and American Bar Associations, and is a former chairman of the executive committee of the Virginia association.

In addition to A. H. Robins, Zimmer is a director and member of the executive committee of First & Merchants National Bank of Richmond, and a director of the Communications Satellite Corporation of Washington, D.C., and the Council on Family Health. He also is a member of the Board of Visitors of the University of Virginia.

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Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 700 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

The NCPhA-Endorsed Insurance Plans Which Merit Member Participation

DISABILITY INCOME PLAN

BASIC PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

MAJOR MEDICAL EXPENSE PLAN

PLAN I: $18,000 Maximum Benefit including $30 Daily Room Limit
PLAN II: $30,000 Maximum Benefit including $50 Daily Room Limit
(Up to $45,000 Maximum Benefit including $75.00 Daily Room Limit Available)

TERM LIFE PLAN

Up to $20,000 For Members
Dependents Coverage Also Available

HOSPITAL INCOME PLAN

$25.00 Per Day For Member
$20.00 Per Day For Spouse
$15.00 Per Day For Each Child
Payable From The First Day of Hospital Confinement
For Up to 15 Months

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PIRG'S LEGISLATIVE OBJECTIVES

At a meeting of the Executive Committee of the N. C. Pharmaceutical Association in Chapel Hill on March 25, 1975, Mr. Wib Gulley, Director of the North Carolina Public Interest Research Group, outlined these PIRG objectives:

1. Price availability of prescriptions, either by phone or in person on request.
2. If price posting not the answer, Pharmacy to come up with an acceptable alternative solution.
3. Law requiring doctors to sign for all drug samples received.
4. Favors consumer representation on the N. C. Board of Pharmacy.

PIANTADOSI SPEAKS AT BELMONT ABBEY COLLEGE

Dr. Claude Piantadosi, Professor and Chairman, Medicinal Chemistry, UNC School of Pharmacy, lectured science students and faculty at Belmont Abbey College, March 24.

Dr. Piantadosi's talk was "The Role of Biochemistry and Medicinal Chemistry in Drug Design."

PHARMACY FACULTY PRESENTS PAPERS AT APhA MEETING

Six faculty members of the UNC School of Pharmacy presented papers at the APhA meeting in San Francisco, April 19-24. They were:

Professors Larry Loeffler, Kuo-Hsuing Lee and Leonard Berlow.

Instructors Larry Hak, Heyward Hull, and Steven Moore.



Officers of the executive board of North Carolina Pharmacy Political Action Committee (NC-PharmPac) meet with the Executive Director of North Carolina Public Interest Research Group, W. P. Gulley (extreme right). Left to right are Stephen Moore, executive director; Prentiss O'Neal, W. H. Randall and Rex Paramore, chairman. Photo by Colorcraft.

UNC PHARMACY SCHOOL NOTES

PHI DELTA CHI

News Report by Rob Bizzell

During the past month, Phi Delta Chi initiated four new brothers as Graduate Members. Three of these are on the School of Pharmacy Faculty. They are: Dr. Seymour M. Blaug, the new Dean of the U. N. C. School of Pharmacy, Mr. Claude U. Paoloni of the Division of Pharmaceutics, and Mr. Henry Smith of the Pharmacy Manufacturing staff. The new Brother that is not a faculty member is Robert Lucas of Wilson and Durham.

These new Brothers were initiated after a dinner at the Chapter House on Finley Road on March 4, 1975. It is a great honor for our fraternity that these people have selected our fraternity to pledge their loyalty and devotion.

Phi Delta Chi now has fourteen Brothers on the School of Pharmacy faculty including the Dean, the Assistant Dean, the Chairman of the Medicinal Chemistry Department, the Chairman of the Pharmacy Administration Department, the Chief Toxicologist for the State of North Carolina, the Chairman of the Tripartite Committee, and the new President of the North Carolina Pharmaceutical Association.

GRANT AWARDED TO UNC SCHOOL OF PHARMACY

Dean Blaug has announced the receipt of a $23,186 HEW General Support Grant.

The grant will support a variety of research projects including pharmacokinetic characteristics of drugs in clinical use and computer usage in the storage, analysis and retrieval of drug information, a project now underway.

The funds also will support research programs, especially those involving new faculty members. Project Director is Dean Blaug and the grant will be administered by a special committee consisting of pharmacy professors Mattocks, Piantadosi, Eckel and Werley.

ECKEL SPEAKS AT OREGON SEMINAR

Professor Fred M. Eckel of the UNC School of Pharmacy was a guest speaker at a seminar sponsored by the Oregon Society of Hospital Pharmacists to be held at Coos Bay, Oregon, Saturday, April 5.

The seminar was devoted to The Role of Post Graduate Education on the Future of Hospital Pharmacy. Eckel's presentation was "Changes in the American Society of Hospital Pharmacists; Standards for Residency Training and Their Significance."

DR. PIANTADOSI ELECTED

Dr. Claude Piantadosi has been elected Fellow of the American Pharmaceutical Association Academy of Pharmaceutical Sciences. He is Head and Professor of the Division of Medicinal Chemistry, UNC School of Pharmacy.

MEMBER OF SELF-STUDY PROJECT

Professor George P. Hager has been selected by the Southern Association of Colleges and Schools to participate as a committee member in a Self-Study project of the Medical University of Charleston, South Carolina. Dr. Hager, formerly Dean of the UNC School of Pharmacy, will have the principal responsibility of the evaluation of the School's programs in pharmacy.

He will also attend the 1975 Pharmacy Seminar sponsored by the U.S. Air Force Medical Service to be held at Brook's Air Force Base, Texas. Dr. Hager is National Consultant in Pharmacy to the Surgeon General, USAF.

1975 OUTSTANDING PERFORMANCE RECOGNITION AWARDS

School of Pharmacy, University of North Carolina, Chapel Hill
Ceremony Presentation at Beard Hall, April 17, 1975

AWARD	RECIPIENT
DISTINGUISHED SERVICE AWARD	*Ralph Peele Rogers, Jr.*
KAPPA EPSILON AWARD	*Sarah Ann Klem*
KAPPA PSI AWARDS	
Reginald Ferrell Award	*Peter Wilson Champion*
Outstanding Senior Award	*Scott Alan Mahrenholtz*
Asklepios Key	*Bruce Lee Dunham*
PHI DELTA CHI AWARDS	
Outstanding Senior Student Award	*Phil Franklin Icard*
Senior Student Scholastic Award	*Gerald Wayne Hargis*
Scholastic Improvement Award	*Raymond Thomas Nickens*
RHO CHI AWARD	
Rho Chi First Year Award	*Cynthia Ann Byrd*
STUDENT BODY AWARDS	
Pharmacy Student Body Award	*Peter Wilson Champion*
Student Body President Award	*Peter Wilson Champion*
Best Instructor Award	*Milton Robert Blum*
SHAC Outstanding Pharmacy Preceptor Award	*William T. Sawyer*
STUDENT BRANCHES AWARD	
McKesson & Robbins Award	*Thomas Philip Shoffner*
A. Ph. A. Certificate	*Thomas Philip Shoffner*
FRATERNITY SCHOLASTIC AWARD	*Kappa Epsilon*
SCHOOL OF PHARMACY AWARDS	
Pharmacy Faculty Award	*Walter Bernard Collie*
Buxton Williams Hunter Award	*Cindy Ann Worsley*
Upjohn Achievement Award	*William Dorsey Vick, III*
Lilly Achievement Award	*Gerald Wayne Hargis*
Bristol Award	*Thomas Fain Taylor*
Merck Awards (3)	*Wing Sang Lee*
	Vicki Ball Spain
	Frances Drennan Whaley
M. L. Jacobs Award	*Walter Bernard Collie*
Rexall Award	*Vicki Ball Spain*
Johnson & Johnson Award	*Debra Sue Ellis*
FONNIE JACKSON ANDREWS AWARD	*Danny Ray Dalton*

Rho Chi Achievement Certificates

Cathy Louise Allen
Roy Douglas Barrow
Cynthia Ann Byrd
Sharon Renaye Campbell
Norman Vernon Carroll
Cheryl Ann Clark
Virginia McCauley Clayton
Gail Sifford Fowler
Lacy Alton Garner, Jr.
Nancy Ellen Hedrick
Mark Howard Holshouser
Helen Elaine Hoover
Debra Ann Keever
Samuel Benjamin Lemberg
Celeste Michele Lindley
Jenny Ann Mabie
Martha Ruth Mayo
Clarence Keith Minter
Harvey Alston Mitchell, Jr.
Deborah Montague
David Michael Oakley
Michael Craig Rash
Linda Rae Sharpe
Marshall Randall Sweat
Bertram Hon-Sun Tang
Robert George Wagner
Michael Ray Warren
Linda Gail Wiggins
Benjamin Thomas Woodard

COMMITTEE ON INSTITUTIONAL PHARMACY

W. T. WILLIAMS, CHAIRMAN

The Committee on Institutional Pharmacy has been active again this year in working with the North Carolina Division of Facility Services in a revision of the Pharmacy Section of the Rules and Regulations for the Licensing of Nursing Homes. The revised rules and regulations became effective on February 17, 1975. A copy of these rules and regulations is included as a part of this report. Every pharmacist with an interest in providing pharmaceutical services to long term care facilities should familiarize himself with these rules and regulations. These rules and regulations present the pharmacist with an opportunity as well as a great responsibility to apply his professional talents to the benefit of patient care in skilled nursing homes, intermediate care facilities and combination homes.

We are also able to report that we believe substantial progress has been made with officials of the North Carolina Drug Authority which would enable limited quantities of certain controlled substances to be kept in nursing homes under proper control procedures. Members of the Association will be informed of further developments in this area.

The Association continues to make available to pharmacists who need them a seal for emergency drug kits (see example below). These are available at a nominal cost from Chapel Hill.

EMERGENCY DRUG KIT

NOTICE:

FOR EMERGENCY USE ONLY

THIS SEAL MAY BE BROKEN ONLY ON THE ORDER OF A PHYSICIAN

STOCKED AND SEALED BY

.....

Signature of Pharmacist

.....

Expiration Date

After each use or immediately prior to expiration date, return this kit to

to be restocked

During the year the Committee received an offer of cooperation and assistance from the North Carolina Society of Hospital Pharmacists in order to insure active participation on the part of pharmacists in the four PSRO agencies now being developed in North Carolina. Little progress was made in this area. It would seem appropriate for the Committee to work actively on this effort during the next year.

WINTER RECEIVES 50 YEAR CERTIFICATE

Carl O. Winter, Jacksonville pharmacist, a 1925 graduate of the Medical University of South Carolina College of Pharmacy, received a Certificate of Appreciation from the University during a Golden Anniversary celebration in Charleston in early April.

Pharmacist and Mrs. Winter attended the festivities sponsored by the University's Alumni Association. There was one other 50 year graduate present.

HEALTH CARE CLINIC DISCUSSED AT PHARMACY MEETING

The Comprehensive Health Care Clinic, now at Prospect Hill but proposed for Hillsborough, was discussed by Paul Alston, Director of Chatham-Orange Health Care Services, and Pharmacist Tommy Holding of Wake Forest, at the March 20 meeting of the Durham-Orange Pharmaceutical Association.

Senator Helms has notified the NCPhA the proposal (shift of clinic from Prospect Hill to Hillsborough) is under review by the Atlanta Office of HEW.

Although not confirmed, late information indicates the Prospect Hill Clinic may be under the supervision of the N. C. Rural Health Program after July 1.

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Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained.

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."



A DIVISION OF
FISHER-HARRISON CORP

SCHOOL NAMED AFTER PHARMACIST

A new elementary school now under construction in Burlington will be named after Pharmacist R. Homer Andrews.

The Burlington Board of Education, in recognition of Mr. Andrews's long period of service to Burlington and Alamance County, voted to name the school the "R. Homer Andrews Elementary School" at its April meeting.

Mr. Andrews, now 82, is a past Alamance County Commissioner, a former Senior Citizen of the Year; was a member of the Burlington Board of Aldermen from 1926-32 and served as Burlington's postmaster for many years.

He and his brother, Charles, established Andrews Drug Company, which continues in operation today under the ownership and management of W. P. Jennings.

Age has not slowed Pharmacist Andrews. His "relief pharmacist" total last year was 2,150 hours.

MRS. HAMRICK NAMED TO HEAD UNC/CH ALUMNI GROUP

Mrs. Rush Hamrick, Jr. of Shelby has been named president-elect of the General Alumni Association of the University of North Carolina at Chapel Hill.

She will become the first woman president of the 180-year-old University's Alumni Association and will be installed at the annual alumni luncheon, Carolina Inn in Chapel Hill, on May 10.

The organization which Mrs. Hamrick will head includes more than 90,000 alumni.

The former Grace Rutledge of Yadkinville, Mrs. Hamrick is active in the social and civic life of Shelby where she is currently on the boards of Cleveland Memorial Hospital, Gardner-Webb Advisors, Morehead Selection Committee, Shelby Appearance Commission and the North Lake Country Club. She is a former editor of The Cleveland Times.

Her husband, who is president of Kendall Drug Company, is also a UNC alumnus and their two sons, Rush III and Dale, are both UNC graduates.

SELECTION OF PRACTITIONER-PRECEPTORS AND PHARMACIES IN THE SCHOOL OF PHARMACY EXTERNSHIP PROGRAM

A. WAYNE PITTMAN, INSTRUCTOR

In the last issue of the Journal, an attempt was made to explain the thoughts behind the School of Pharmacy's involvement in practical experience training. In addition there was a brief description of curricular changes that are occurring so that the School may meet its obligation to comprehensive education of the pharmacy student. The efforts of the School will be directed to placing students in service delivery environments in a variety of areas of Pharmacy practice. The practice site itself is important; just as important, if not more so, there must be a practitioner who is willing to act as a *teacher.* This *practitioner-preceptor* acts to guide the student in service delivery and its associated responsibilities. His role is to teach the practice of pharmacy.

A great deal of work and effort has gone into the development of criteria for the selection of practitioner-preceptors and pharmacies. Throughout the past year, practicing pharmacists—members of the N. C. Board of Pharmacy and N. C. Pharmaceutical Association—and faculty have met to define these criteria. We are fortunate, also, to share the experience of a number of other schools of pharmacy in designing their programs. The results of these meetings are criteria and guidelines that will provide a high quality of professional experience for students of Pharmacy. We are deeply indebted to members of the Tripartite Committee and to a number of practitioners whose comments and criticism have guided the formulation of the guidelines.

In offering professional practice experience as a part of the School of Pharmacy curriculum, we seek to offer only the very best for the students of Pharmacy in this state. We indeed need practitioner-preceptors who are both qualified and motivated to share their practice and experience with the student/extern in a learning experience. The following are criteria for selecting practitioner-preceptors for the School's Externship Program:

CRITERIA FOR SELECTION OF PRECEPTORS

1. The practitioner-preceptor must be dedicated to teaching the student/extern (at least 2-3 discussion hours/week in addition to supervised practice).
2. The practitioner-preceptor must have a willingness to critically evaluate students and be evaluated by them.
3. The practitioner-preceptor must attend continuing education meetings to discuss techniques for externship training and evaluation.
4. The practitioner-preceptor must have two (2) years of experience as a licensed pharmacist before he/she is eligible to precept a student. A waiver of this requirement could, on special occasion be granted by the School.
5. The ratio of students to practitioner-preceptors should be 1:1.
6. The practitioner-preceptor must maintain a current library of texts and journals.
7. The practitioner-preceptor must be a participating member of two of the following professional organizations: A.Ph.A., N.A.R.D., N.A.C.D.S., A.S.H.P., N.C.Ph.A., N.C.S.H.P., county or local area pharmaceutical association.
8. The practitioner-preceptor must be in good standing with the Board of Pharmacy and adhere to the N.C.Ph.A. Code of Professional Conduct. (The pharmacist in a Federal facility must be registered and be in good standing with the Board of Pharmacy in the state in which he is registered.) If the Pharmacist has ever been brought before a Board of Pharmacy on any disciplinary charges, he must give written permission to the School of Pharmacy to review the circumstances of the case.

(Continued on Page 35)

Yes, we ask a great deal of the practitioners who participate in the training program. This is a time consuming responsibility for the practitioner. The rewards are limited; the contributions to the practice of pharmacy in North Carolina are unlimited.

Guidelines for the practitioner-preceptor are designed to direct his interaction with the student in the practice setting. These are presented in hopes of clarifying the nature of the *student-teacher* relationship. You will find a strong similarity to the guidelines of the National Association of Boards of Pharmacy.

GUIDELINES FOR PRACTITIONER-PRECEPTORS

1. The practitioner-preceptors role is that of an instructor, not a co-worker.
2. The practitioner-preceptor should exemplify for the student the principles of professional ethics in deeds as well as words.
3. The practitioner-preceptor should afford the student the mutual respect and pa-
 tience needed to insure an optimal learning experience.
4. The practitioner-preceptor should always explain, in detail, what is expected of a student, with respect to appearance, attitude and method of practice and make certain that both he and his associates adhere to the same standards.
5. The practitioner-preceptor must insist on communication with the student at all times and be willing to discuss any aspect of professional practice that does not violate his responsibility to his employer or employees.
6. The practitioner-preceptor must keep in mind that fair and constructive evaluation of the student's ability to perform designated activities is a serious responsibility, which affects the student's progress and performance as a future practitioner.
7. Criticism should be made constructively and sympathetically and be conveyed to the student privately, whenever possible.
8. The practitioner-preceptor should never assume a student's competency but determine it by reviewing his work profile and by discussion and experience.
9. The practitioner-preceptor should promote at all times a constructive and positive attitude toward fellow practitioners and other members of the health professions.
10. The practitioner-preceptor should stimulate a positive attitude in all aspects of professional practice.

The practice locations are very important. The pharmacy must provide a highly professional atmosphere where students may gain valuable experience in service delivery. The following are criteria for community and hospital pharmacies:

PROFESSIONAL EXPERIENCE LOCATION CRITERIA COMMUNITY PHARMACY

1. The pharmacy must meet all standards set by all governmental agencies, including the North Carolina State Board of Pharmacy, The North Carolina Drug Authority, the Drug Enforcement Administration and the Food and Drug Administration.
2. The pharmacist who serves as the practitioner-preceptor must meet the "Criteria for Selection of Preceptors."
3. Current management of a pharmacy must have been in existence for a minimum of one year.
4. The prescription volume shall be sufficiently large in order to provide adequate prescription experience, but yet, not so large as to impede the learning experience. As a guide, a maximum of 6 patients per hour or 10 prescriptions per hour per pharmacist.
5. *All* areas of the pharmacy must appear clean and reflect a professional image. Of importance, the prescription area, including the counter, drug storage area, or any compounding facilities must be clean, uncluttered, washed and/or dusted regularly, well-lighted and, in general, maintained to allow maximum efficiency and a minimum opportunity for error in professional services.
6. Appropriate reference materials must be available for use in supplying exact and adequate drug information to the patient,

physician or allied health professionals. That reference material must include recent editions of at least one item in each of the following sections:

A. Drug Product and General Information
 1. *Facts and Comparisons*
 2. *Pharm. Index*
 3. *Physician's Dest Reference*
 4. A medical dictionary (1) (2)

(1)—A required reference in this section.
(2)—Another reference in this section is also required.

 5. *Handbook of Non-Prescription Drugs* (1) (2)
 6. *American Drug Index*

B. Product formulation reference
 1. *Remington's Pharmaceutical Sciences*
 2. *The U. S. Dispensatory*
 3. *The Merck Index*
 4. *USP; N.F.*

C. Pharmacology and therapeutics texts
 1. *Pharmacological Basis of Therapeutics*
 2. *Medical Pharmacology*
 3. *Drill's Pharmacology in Medicine*
 4. *Drugs of Choice*
 5. *Current Therapy*
 6. *Textbook of Medicine*
 7. A text of veterinary drug products (i.e., *Merck Manual of Veterinary Medicine,* etc.) (2)
 8. *Hazards of Medication* (2)
 9. *American Hospital Formulary Service*

D. Subscriptions to current literature (must have at least *3* of the following)
 1. *Journal of the American Pharmaceutical Association*
 2. *New England Journal of Medicine*
 3. *Medical Letter*
 4. *Clin-Alert*
 5. *Drug Intelligence and Clinical Pharmacy*
 6. *Drug Topics*
 7. *NARD Journal*

(1)—A required reference in this section
(2)—Another reference in this section is also required.

 8. *Pharmacy Times*
 9. *Chain Store Age*
 10. *Carolina Journal of Pharmacy*

E. Toxicology References
 1. *Clincial oxicology of Commercial Products*
 2. Lange's *Handbook of Poisons*
 3. Other toxicology references

F. "Introduction to the Practice of Pharmacy," A guide for Preceptors and Interns, *NABP*

7. The Pharmacy should maintain and utilize a patient or family medication record systems for drug therapy monitoring purposes and in addition, should have an area of the pharmacy set aside for patient consultation.
8. The pharmacy should supply health related information for the needs of its patients, perhaps by literature, brochure displays, mailing, or pharmacists' involvement. There should be a mechanism through which to disseminate drug information to patients and other health professionals and in addition, to provide for essential patient education regarding drug usage.
9. The pharmacy must employ and maintain an inventory system (regular and systematic means of reviewing stock levels; system for ordering direct from manufacturer and/or from wholesaler; method of determining most economical turnover of stock for various sections of the pharmacy; etc.)
10. Through a systematic approach to internal policies and procedures, there must be a definable mechanism for executing particular management and personnel practices.
11. The pharmacy will have provision for handling third party payment programs.
12. It is anticipated that many community pharmacies utilized in the externship training programs will provide pharmaceutical services to institutions such as: 1) small hospitals; 2) nursing homes; or 3) extended care facilities.

PROFESSIONAL EXPERIENCE LOCATION CRITERIA HOSPITAL PHARMACY

1. The pharmacy must meet all standards set by all governmental agencies, including the North Carolina State Board of Pharmacy, the North Carolina Drug Au-

(Continued on Page 37)

thority, the Drug Enforcement Administration, and the Food and Drug Administration. The hospital shall be accredited by The Joint Commission on Accreditation of Hospitals.

2. The pharmacist who serves as the practitioner-preceptor must meet the "Criteria for Selection of Preceptors."
3. The pharmacy shall be under the direction of a full-time, legally qualified pharmacist. Current management of a pharmacy must have been in existence for a minimum of one year.
4. *All* areas of the pharmacy must appear clean and reflect a professional image. Of importance, the prescription area, including the counter, drug storage area, or any compounding facilities must be clean, uncluttered, washed and/or dusted regularly, well lighted and, in general, maintained to allow maximum efficiency and a minimum opportunity for error in professional services.
5. Appropriate reference materials must be available for use in supplying exact and adequate drug information to the patient, physician or allied health professionals. That reference material should include recent editions of at least one item in each of the following sections:

A. Drug Product and General information

1. *Facts and Comparisons*
2. *Pharm. Index*
3. *Physician's Desk Reference*
4. *American Drug Index*
5. *Handbook of Non-Prescription Drugs* (1) (2)
6. A medical dictionary (1) (2)

B. Product formulation reference

1. *Remington's Pharmaceutical Sciences*
2. *The U. S. Dispensatory*
3. *The Merck Index*
4. *USP; N.F.*

C. Pharmacology and therapeutics texts

1. *Pharmacological Basis of Therapeutics*
2. *Medical Pharmacology*
3. *Drill's Pharmacology in Medicine*
4. *Drugs of Choice*
5. *Current Therapy*
6. A textbook of medicine
7. A text of veterinary drug products (i.e., *Merck Manual of Veterinary Medicine,* etc.) (2)
8. *Hazards of Medication* (J.B. Lippincott, Co.) (2)
9. *American Hospital Formulary Service*
10. *Martindale's Extra Pharmacopoeia*

D. Subscriptions to current literature

1. *Journal of the American Pharmaceutical Association*
2. *American Journal of Hospital Pharmacy* (1)
3. *New England Journal of Medicine*
4. *Journal of the American Hospital Association*

(1)—A required reference in this section
(2)—An additional reference in this section is also required

5. *International Pharmaceutical Abstracts (I.P.A.)*
6. *Journal of the American Medical Association*
7. *Medical Letter*
8. *Clin-Alert*
9. *Drug Intelligence and Clinical Pharmacy*

E. Toxicology References

1. Clinical Toxicology of Commercial Products (1)
2. Lange's *Handbook of Poisons*
3. Other general toxicology reference

6. The pharmacy will have facilities to provide a wide range of services, such as:

A. Full inpatient dispensing services

1. Receive copy of physician's order
2. Unit dose system or individual patient issue system

B. Compounding facilities (bulk and/or extemporaneous) and quality control p procedures:

1. Formulation
2. Preparation
3. Sterile and non-sterile dosage forms

C. IV admixtures
D. Patient profile review mechanism
E. Drug information services

7. In addition:

A. There will be a functioning pharmacy and therapeutics committee and the

pharmacist shall be an active member (or officer) of that committee.

B. The hospital shall utilize and actively maintain a hospital formulary system.

(1)—A required reference in this section

C. The pharmacy will have procedures to provide for the handling of investigational drugs and oversee their proper use.

8. The pharmacy must employ and maintain an inventory system (regular and systematic means of reviewing stock levels; system for ordering direct from manufacturer or from wholesaler; method of determining most economical turnover of stock for various sections of the pharmacy; etc.)
9. Through a systematic approach to internal policies and procedures, there must be a definable mechanism for executing particular management and personnel practices.

No doubt each of us may find specific points that are weak or missing in any of the previous criteria or guidelines. Generally speaking, however, we are fortunate to have outlined a program that will offer valuable and needed education in the practice of pharmacy. We continue to seek the involvement of as many qualified practitioners as possible. The recent establishment of the Area Health Education Center concept will provide great speed in the location of practitioner-preceptors and practice locations throughout the state. Pharmacy coordinators in the various areas will be actively involved in recruiting new preceptors and working with them as a liaison for the School in planning and implementing a program for pharmacy students. I continually receive recommendations from students, faculty, and practitioners to contact practitioners with whom they are familiar so that they may have the opportunity to participate. Still, however, we may not reach everyone qualified or interested in participating. Please do not hesitate to contact the School to indicate your willingness to participate, should you be interested, or if you desire additional information.

MARRIAGES

Gallimore-Goodwin

William M. Gallimore, graduate of UNC School of Pharmacy, and Carrie Ellen Goodwin, both of Durham, were married March 8 in Chapel of the Cross in Chapel Hill. Mr. Gallimore is a staff pharmacist at Duke University Medical Center. Mrs. Gallimore is a member of the graduating class of Duke University School of Nursing.

Hak-Hardee

The wedding of *Sandra Hardee* and *Dr. Lawrence Joseph Hak* was held March 8 in Grifton United Methodist Church. The bride received her BS in Pharmacy at UNC-CH; the bridegroom received his BS in Pharmacy and Pharm. D. at Philadelphia College of Pharmacy and Science. Both are on the staff of UNC School of Pharmacy.

ADOPTION

Mr. and Mrs. James B. Bryant of Washington announce the adoption of a son whom they have named James B. Bryant II. Mr. Bryant, a 1970 graduate of the UNC School of Pharmacy, is associated with Tayloe Drug Company and Hospital Pharmacy.

COMMITTEE ON MENTAL HEALTH

North Carolina Pharmaceutical Association

HUNTER L. KELLY, CHAIRMAN

Pharmacy services in most areas of mental health in North Carolina have continued to expand and become more efficient during the past year. Especially in the mental hospitals, mental retardation centers, and alcoholic rehabilitation centers, there continues to be improvement in the quantity and quality of services which are being rendered.

In many of the institutions pharmacists are reviewing medications on a thirty day basis, to monitor for drug reactions, drug interactions, drug-food interactions, assurance of correct dosing, etc. Individual medication profiles have been developed and are being maintained in most of the State's mental institutions, which provides for close monitor-

ing and auditing of all medications being administered. These programs provide for interaction not only with physicians and nurses, but also with patients, which enhances the quality and efficiency of treatment involving drugs.

The area in which progress has been moving at a slower pace has been that of the community mental health centers. In 1973 Mr. Robert Allen, Chief, Pharmacy Services, Division of Mental Health, Department of Human Resources, investigated and discussed with administrators of the mental health centers the possibilities and advantages of providing a uniform drug distribution system for the mental health centers. His primary purpose was to provide patients of these centers with necessary drugs in an accessible manner. His proposal included:

1. A good referral and follow-up system between mental hospitals, the community mental health centers, and the patients private physicians and pharmacists (if the latter two exists).
2. A guarantee that a patient:
 A. understand the importance of complying with the prescribed drug therapy regimen.
 B. has his initial prescription filled, with the freedom to do so through the (Department of Mental Health approved) mechanism of his choice.
 C. gets his prescriptions refilled.
3. Adequate controls to prevent inappropriate use of and pilferage of drugs.

I regret that due to several reasons his proposal has not developed to the extent to which we have felt was necessary to insure adequate pharmacy services. One problem developed as a result of some mental health centers being funded in part by local agencies, counties, cities, etc. which places considerable control at the local level. Needless to say, when local control exists, sometimes with political involvement, progress can be slow.

Currently, there exist throughout the State many different systems of providing prescription drugs to eligible recipients. These programs operate as follows:

1. Prescription drugs dispensed in mental health center by on-site pharmacists, either on a full time basis or on a part-time basis, with drugs obtained from mental hospital stocks.
2. Prescription drugs dispensed by one designated community pharmacy under contractural arrangement with local mental health center.
3. Prescription drugs dispensed by any one of the community pharmacies within a mental health center region at a charge of cost from State contracts and Purchases plus a dispensing fee of from twenty five cents to two dollars per prescription.
4. Prescription drugs which are used in dispensing to mental patients are obtained from State mental hospitals based on a costs of State costs plus a ten per cent handling fee.

Based on our experiences during the past year, we are recommending the following:

1. That drug distribution systems in the mental hospitals, retardation centers, alcoholic rehabilitation centers, prisons, mental health centers, or any other areas of drug use operating under the State system, continue to be upgraded to assure all patients and residents quality pharmacy services.
2. In the instance of prescription drug requirements for mental health patients living in a community, especially those who have been discharged from mental institutions, and especially the indigent, that they be provided access to their drug needs in a convenient system, whether from local community pharmacies or from a nearby mental health center pharmacy operation.
3. That participating community pharmacies receive reimbursement at a normal, reasonable rate for their services.
4. Experience has proven that the most workable systems have resulted in areas where the local pharmacists have worked together with the local mental health centers to develop satisfactory arrangements to provide necessary prescription drugs for mental health patients. Therefore, local pharmacists, where not already involved, contact your mental health center directors and

offer to provide services which they need. Demonstrate to them that you are best able to supply the drug needs of their patients.

PITTSBORO

Three suspects have been arrested in connection with the early morning Easter break-in at the Pittsboro Pharmacy. Merchandise valued at $3,000 was reported taken in the robbery.

PROFILE OF A SUPERIOR ASSOCIATION EXECUTIVE

Most association Boards of Directors, when faced with the problem of filling the number one staff position in their organization, set forth the following criteria: They want a man or woman who: is a superior administrator and gives great attention to detail without wasting time; who can look at a financial statement and immediately see what can be done to improve the situation; can work within a very restrictive budget without sacrificing any effectiveness or service; can deal with the legislature successfully without spending any money or compromising the association's position; can see every member of the organization in his or her own office at least four times a year; can make a stirring speech on any subject that happens to come up; can convince every non-member to join immediately; can write a newsletter that will inspire every member to greater service to the association; can keep the other staff members happy without pay or benefit increases; can work with all members of the association without becoming involved with cliques; can plan each year new and original convention programs and educational programs; can increase the income of the association without increasing dues; can present to the public a wonderful image of the association and its members; can deal with the press so effectively that bad publicity could never be a problem; and can be available 24 hours a day with a smile on his or her face to deal with any personality or problem that might present itself whether or not it has to do with the association. Unfortunately, there are not enough of us to go around.

—The Carolinas' Association Letter.

CLASSIFIED ADVERTISING

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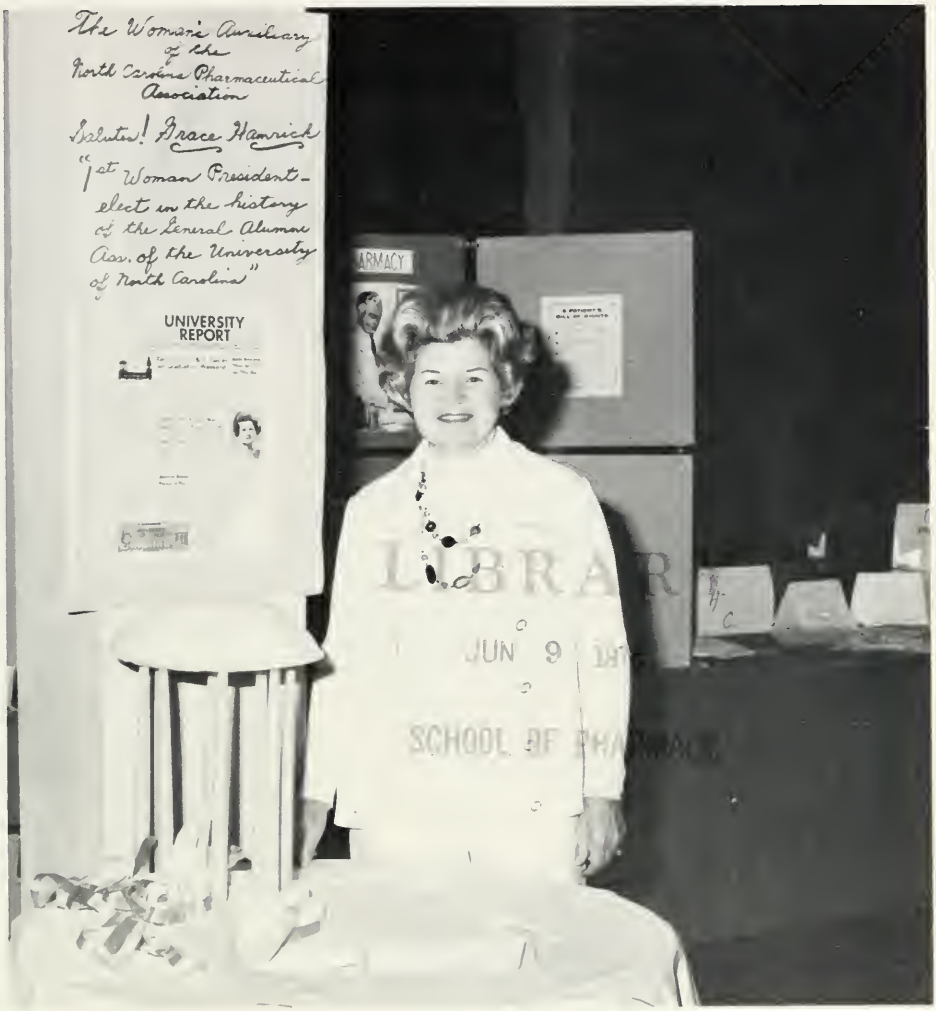
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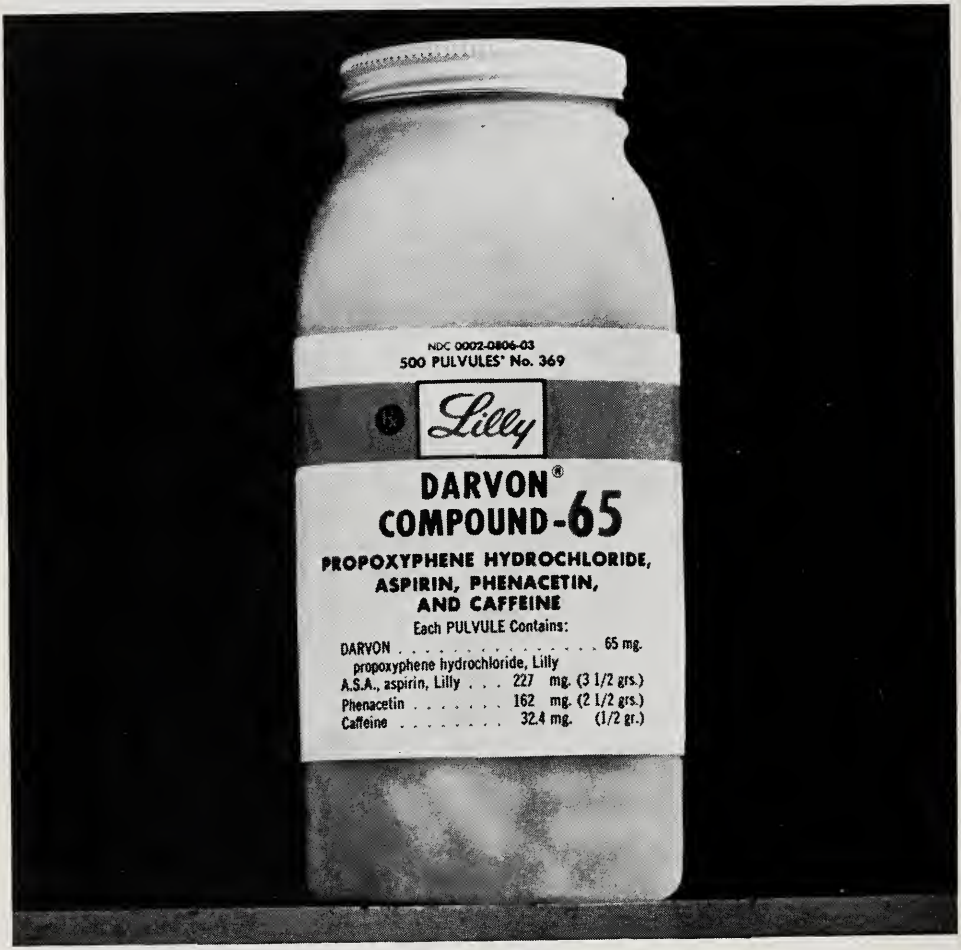


Mrs. Rush Hamrick, Jr. of Shelby (shown above) is the newly installed president of the General Alumni Association of the University of North Carolina at Chapel Hill. The organization includes more than 90,000 alumni.

Mrs. Hamrick is an active member of the Woman's Auxiliary of the NCPhA; her husband is president of the Kendall Drug Company, Shelby, and a past president of the TMA.

The old well/poster exhibit was created through the artistic talents of Mrs. James Creech of Smithfield and was on display at the 1975 NCPhA Convention in Winston-Salem.—Photo by Colorcraft.

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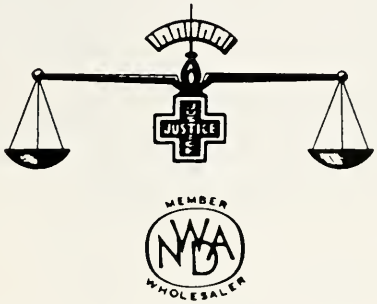
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The Carolina JOURNAL OF PHARMACY

June, 1975

Vol. LV No. 6

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CORRECT CALCULATORS

The March issue of the Carolina Journal of Pharmacy included this note:

In 1967 the average prescription charge was $3.63. In 1974 this charge was $4.45.

Assuming that the value of the dollar (purchasing power) declined 25% during this period, what was the percentage real change in the average charge for a prescription during this period?

The response was checked by N. C. Board of Pharmacy Executive Secretary H. C. McAllister. Correct answers (8% decrease) were sent in by

1. Al Rachide, Jacksonville
2. E. A. Brecht, Chapel Hill
3. Jerry Bridgers, Tarboro
4. D. R. Davis, Sr., Williamston
5. Bill Canaday, Four Oaks
6. Claude U. Paoloni, Chapel Hill
7. Richard Rains, Tarboro
8. John Smothers, Durham
9. R. Ellis Tate, Shelby
10. Howard R. Lutz, Kings Mountain
11. Hugh Caldwell, Jr., Mooresville
12. Larry Lazarus, Sanford
13. B. E. Shelley, Spartanburg, S. C.
14. Stephen Honaker, Sr., Winston-Salem
15. Joe Bland, High Point
16. W. Joe Davis, Raleigh

RXS BY MAIL

Prescriptions containing CS drugs which move thru the U. S. Postal System are governed by these regulations:

(1) Rx drugs listed in Schedule II can be mailed to a patient by a pharmacist provided the dosage amount does not exceed a 34 day supply or 100 units, whichever is less.

(2) Rx drugs in III, IV and V. Rxs not to exceed 300 dosage units can be mailed.

THE TRIAL LAWYERS TAKE A LOOK AT PHARMACY

Legal action against physicians and pharmacists is on the increase because of their failure to properly warn patients about possible side effects of drugs, UNC Pharmacy Dean Seymour M. Blaug told members of the N. C. Academy of Trial Lawyers.

Dean Blaug was a guest speaker at the May 3 meeting of the Academy in Greensboro. He cited a number of cases involving adverse drug actions which resulted in law suits.

CONVERT TO UNIT DOSE SYSTEM

Wards E and G are now serving as models for Watts Hospital's new unit dose medication system. The two wards are first in the planned hospital-wide conversion because of their proximity to the pharmacy.

Medication carts (one for each ward) have individual patient drawers labeled with the patient's name, room number, ward and bed position. Each cart is mobile and lockable. Bins containing the drawers are stocked daily in the pharmacy and delivered to the wards at 1 p.m. with all medications each patient will need for the following 24 hours.

Gerald M. Stahl is director of pharmacy service at Watts Hospital. The Unit dose supervisor is Linda Drew.

INSULIN 100 SLIDE/TAPE PROGRAM

An excellent slide/tape presentation on Insulin 100 has been produced in Chapel Hill and is particularly appropriate for showing to groups (diabetics, local pharmacy organizations, RNs, etc.) now that we are approaching the phase-out of non-100 unit Insulin products.

The program may be obtained from one of the following:

Mrs. Peggy Gebhardt, RPh.
Division of Pharmacy Services
N. C. Memorial Hospital
Chapel Hill, N. C. 27514

Mr. Ben Tillett
713 Chub Lake Road
Roxboro, N. C. 27573

Mr. Wallace Nelson
214 North Church Street
Hertford, N. C. 27944

Equipment needed: A slide projector and a standard tape recorder.

STATE SIGNS 2-YEAR CONTRACT WITH HEALTH APPLICATION SYSTEMS TO ADMINISTER NORTH CAROLINA'S $400 MILLION MEDICAID PROGRAM

Private enterprise will handle North Carolina's multi-million dollar Medicaid program under a plan worked up by Pharmacist/Senator John T. Henley, Pharmacist/Representative B. Paul Woodard and others.

Letting private enterprise handle Medicaid will save the state $4 million in the next two-year budget period, Secretary of Human Resources David Flaherty said. He also said it would reduce the number of fraudulent claims.

The State's Advisory Budget Commission gave Flaherty permission to sign a two-year contract for Medicaid administration with Health Applications Systems of California. The state will provide approximately $400 million in 1975/77 to HAS to process and pay all Medicaid claims.

The corporation has guaranteed that it will do so for at least $4 million less than the state's cost. It is possible the state will save an additional $14 million if the corporate operation is as efficient as its managers hope it will be.

The key to the corporation's claims is computerization. Through computers, they will be able to monitor the payment of claims and pick out potentially fraudulent claims automatically.

Flaherty said the state cannot do this without large computers, which he said his department cannot obtain.

Flaherty said the contract also puts an absolute ceiling on Medicaid expenses for the state. Previously, Medicaid has been an open-ended commitment by the state and the costs have been rising rapidly—from $16.8 million in 1969 to more than $200 million in 1975-76.

Medicaid allows eligible recipients—principally the poor and the elderly—to charge their medical expenses to the government. The state administers the program; the federal government pays 68 per cent of the cost, counties 4.6 per cent, and the state the remainder.

The state noted a rising cost for prescription drugs in 1971, Flaherty said. There was evidence of fraud by both recipients and pharmacists, but the Department of Human Resources was unable to monitor the program closely enough to prove it.

Instead, it signed up with a subsidiary of Health Applications Systems in a prepaid prescription program similar to the one envisioned for Medicaid.

The corporation's computers kept track of each recipient's prescription activity, refusing to pay the bills that did not fit a set pattern. The state's prescription costs have declined since then, while costs across the nation are continuing to rise, Flaherty said.

Flaherty said the same system will cut costs in the entire Medicaid program. He said the corporation has retained a non-profit group of North Carolina physicians to set treatment standards that will be programmed into the computer.

The physicians will also act as a review board, hearing appeals on the cases the computer refuses to pay.

Flaherty said the system will be more efficient and will get legitimate payments to hospitals and doctors much more quickly than does the present system.

The corporation expects to save money because of its efficiencies in staff size and paper processing costs. Its profit, if any, will come from those savings. But the state is guaranteed a rebate on each additional dollar saved by the corporation.

Flaherty said the corporation is bonded and will bear the loss if it cannot run the program on the money in the contract. He said North Carolina is the first state in the nation to try such a system.

Both the North Carolina General Assembly and the federal Department of Health, Education and Welfare have approved the idea, he said. Its success may determine whether private enterprise or a government bureaucracy eventually runs a national health insurance program.

There will be no change in the current Medicaid Rx Program, as administered by PAID PRESCRIPTIONS—same staff, office and telephone number. Most of the 150 employees referred to above have transferred to the HAS Raleigh operation.

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A BILL TO BE ENTITLED AN ACT TO PROVIDE FOR THE AVAILABILITY OF PRESCRIPTION DRUG PRICES

The General Assembly of North Carolina enacts:

Section 1. Article 4 of Charter 90 of the General Statutes is amended by adding a new section thereto following Section 90-70 to be numbered and to read as follows:

"90-70.1. *Prescription drug price availability.*—(a) No licensed pharmacist, assistant pharmacist, or pharmacist intern shall refuse to divulge the price of any prescription drug upon request, either in person or by telephone, if that person would sell the drug in question upon presentation of a valid prescription. No licensed pharmacist, assistant pharmacist, or pharmacist intern, upon such inquiry, shall require from the person requesting information the name of any doctor prescribing the drug, or any proof that the person actually has a prescription, provided, no price need be given until the person requesting it has sufficiently described a product, by name or otherwise, as to reasonably enable the person asked to frame a response. In quoting any price, the pharmacist, assistant pharmacist, or pharmacist intern may describe any service performed by him or his employer which is related to the cost of the drug in question.

(b) Nothing contained herein shall prevent a pharmacy from changing the current selling price of any prescription drug at any time, provided that a person to whom a price has been quoted shall have the right to purchase the drug, upon presentation of a valid prescription, at the price quoted or a lower price on the same day that such price has been quoted.

(c) Every retailer of prescription drugs licensed by the North Carolina Board of Pharmacy shall post, in a conspicuous place on or by the counter at which prescription drugs are dispensed, a sign advising customers of their right to receive prescription drug price information upon request, whether made in person or by telephone. The North Carolina Board of Pharmacy shall print and distribute the signs to be posted, which shall not be smaller than 8½ inches in width and 11 inches in length. The signs shall be posted within 60 days of the effective date of this act.

(d) Any licensed pharmacist, assistant pharmacist, or pharmacist intern violating the provisions of this section shall be subject to disciplinary action by the North Carolina Board of Pharmacy under G.S. 90-65(7)."

Section 2. This act shall become effective upon ratification.

This legislative proposal, sponsored mainly by the N. C. Public Interest Research Group (NC-PIRG), was referred to the House Judiciary Committee #1. The bill received an unfavorable report on May 15 following a meeting of JI at which time the NCPhA presented its position in opposition to HB949.

Pharmacist Rep. B. Paul Woodard introduced NCPhA President Whaley and NCPhA Legislative Chairman Randall who discussed the potential impact of the proposal on the practice of Pharmacy. Favoring adoption of the bill were Reps. Cook of Wake County and Rep. Miller of Durham.

The motion to give the bill an unfavorable report was by Rep. Hunt of Chapel Hill who stated this sort of legislative proposal was demeaning to a profession. Ms. Hunt received back-up support from Rep. Hyde of Asheville.

Interested observers on the sidelines were Dr. E. A. Brecht, Albert Lockamy, Steve Moore (NC-PharmPac), F. von Voigtlander and Mrs. Annette Boutwell (N.C. Association of Professions) and NCPhA Secretary W. J. Smith. Supporters included Wib Gulley (NC-PIRG) and others.

COMPLETE LEGISLATIVE REPORT WILL APPEAR IN THE JULY ISSUE OF THE CAROLINA JOURNAL OF PHARMACY COVERING 1975 ASSEMBLY ACTION



TAR HEEL DIGEST

GOLDSBORO—Wendell J. Harper has been named chief pharmacist at Wayne Memorial Hospital to succeed Tommy Gibson whose resignation was effective May 1.

BURLINGTON—Effective March 1, Ronald Hargis became the pharmacist owner/manager of Alamance Drug Company. The drug firm was purchased from Scott Gardner who continues as owner/manager of Medical Village Apothecary.

OXFORD—Puckett Drug Store of Stovall has been closed. The prescription files and drug merchandise were purchased by Hall's Drug Store and transferred to Oxford.

HIGH POINT—James Richard Smutney is pharmacist manager of the 7,500 square foot Revco store opened in the High Point Mall in mid-April.

MOREHEAD CITY—Mrs. Evelyn Sewell of Beaufort has been named Carteret General Hospital pharmacist.

MARSHALL—Pharmacist William P. Powell of Mars Hill has been elected a director of the Northwestern Bank of Marshall. Powell is mayor of Mars Hill.

ROXBORO—Trustees of Person County Memorial Hospital have authorized the expansion and relocation of the hospital's pharmacy at an estimated cost of $10,500.

WAYNESVILLE—Tom Curtis, owner of the Medical Arts and Balsam Roads Pharmacies in Waynesville, became the owner of the Sylva Pharmacy on April 17. He purchased it from Gaines Zachary, owner for the past six years.

SOUTHPORT—Pfizer, Inc. is constructing a new fermentation plant on a 1300-acre site at Southport. The plant, started in 1973, is expected to be completed in late 1975 and will produce citric acid.

PIANTADOSI RECEIVES GRANT RENEWAL

Dr. Claude Piantadosi of the UNC School of Pharmacy has received a renewal in Medicinal Chemistry Training Grant in the amount of $14,933 from the U.S. Public Health Service. This grant provides support for pre-doctoral candidates in medicinal chemistry.

FOR YOUR INFORMATION:

Paid Prescriptions, by contract, provides administrative and systems support for Health Application Systems (HAS), a division of Bergen Brunswig Dataservice Company.

Since pharmacists are familiar with the administrative phase of the Medicaid prescription program, they are more familiar with Paid Rxs than HAS or BBD Company.

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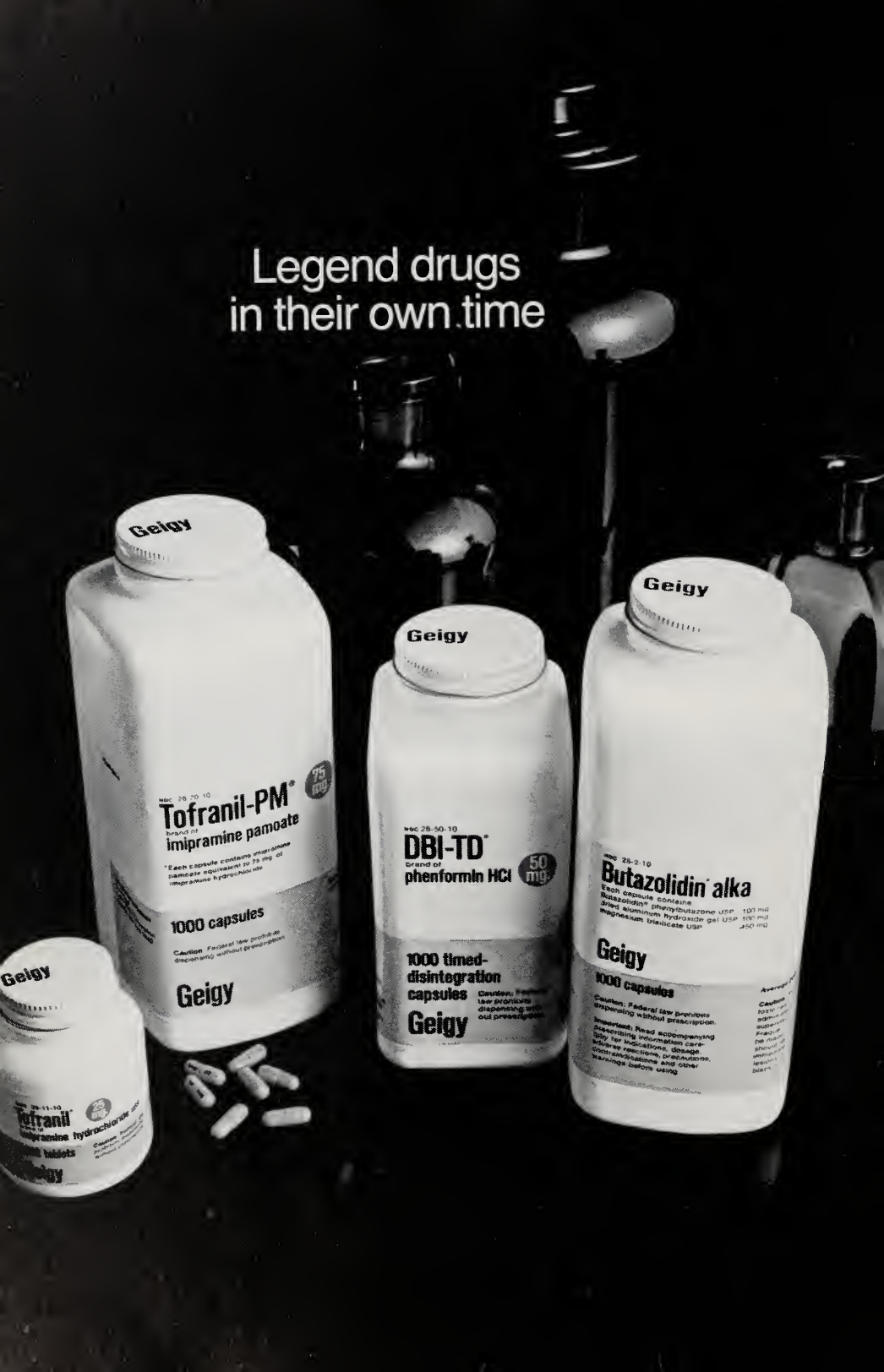
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dispensing without prescription.
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DISASTERS
Major and Minor

NORTH WILKESBORO

Blue Ridge Pharmacy. A silent alarm which alerted police prevented an attempted robbery of the pharmacy. A man and woman were arrested after they rammed their bodies through a plate glass window in an escape attempt.

LEXINGTON

Lexington Drug Company #1, 16 South Main Street. Stolen in an early May robbery of the pharmacy: CS drugs, cash, a National cash register, a $200 adding machine, tape player and radios.

CHERRYVILLE

Allen's Drug Store. Front door smashed; police investigated the break-in.

LILLINGTON

Lafayette Drug Company. A break-in at the pharmacy resulted in a lost of approximately $1,500 and an unknown quantity of drugs.

ROCKY MOUNT

Kerr Drugs, 846 Fairview Road. 118 items of merchandise lost in a break-in (glass window broken by a cinder block). The loss was estimated at more than $4000.00.

FAIRMONT

Fairmont Drug Company. CS drugs taken following break-in at the pharmacy.

BELMONT

Eckerds Drug Store. A man found "accidentally locked inside" the store went to Gaston County Jail on a breaking and entering charge but police said he is going further than that: he is going all the way to Ohio to face an armed robbery charge.

WILSON

Kerr Drugs. Someone gained entry to the store's safe and took $1,100 following a break-in.

CHARLOTTE

Eckerd's Drug Store, Southpark Shopping Center. A former assistant manager of the drug store has been charged with stealing a total of about $9,500 in cash and checks from the store.

YADKINVILLE

Crown Drug Store. Burglary tools were left in the store as would-be thieves made a hasty exit as police arrived after a silent alarm alerted them to the robbery in progress.

ASHEVILLE

Revco Drug Company, U. S. 74. Thieves cut a hole in the roof of the pharmacy and took $1,127 in cash and merchandise.

HIGH POINT

Elder Drug Store, East Green Drive. Someone wearing a ski mask over his face and carrying a small gun robbed James Elder of CS drugs and $2300 in cash.

DURHAM

McDonald's Drug Store, 732 Ninth Street. After ripping off a roof-top cover, dropping down into an attic and knocking a hole in a wall, an unknown party took drugs and two blank checks from the pharmacy.

TABOR CITY

Anderson Drugs. In an April 24 break-in at the pharmacy, CS drugs and $516.00 in cash taken.



More than 300 pharmacists and their wives joined with Auxiliary representatives and pharmacy associates to officially welcome The Seymour Blaug Family to North Carolina. Pictured in the receiving line at the reception given in honor of The Blaugs at the 95th annual meeting of the NCPhA in Winston-Salem on April 13th are:

Left to right: Miss Amy, Suzanne and Elizabeth Blaug; Dean and Mrs. Seymour Blaug; NCPhA President and Mrs. W. H. Wilson; and NCPhA President-Elect and Mrs. Milton Whaley.—Photo by Colorcraft.

THE 95TH NCPhA CONVENTION—IN BRIEF

Dean and Mrs. Seymour Blaug and their daughters were officially welcomed to North Carolina Pharmacy at a reception Sunday, April 13, preceding the official opening of the 95th Annual Convention of the N. C. Pharmaceutical Association at the Hyatt House, Winston-Salem.

Other pre-convention activities included a meeting of the North Carolina Society of Hospital Pharmacists featuring Oscar Momberger, Hospital Administrative Services of the American Hospital Association, as speaker. The Board of Directors of PharmPac preceded a general meeting of the group, which was addressed by Wib Gulley, Director of the N. C. Public Interest Research Group.

OPENING SESSION

The Sunday evening dinner meeting officially opened the Convention, with calls to order by NCPhA President William H. Wilson, Woman's Auxiliary President Brenda Kirkpatrick, and TMA President Canie B. Smith.

Invocation by the Reverend John R. Campbell, Rector of St. Timothy's Episcopal Church of Winston-Salem, was followed by an Address of Welcome by the Honorable Franklin R. Shirley, Mayor of the City of Winston-Salem.

Dr. Bernard Boyd, James A. Gray Professor of Biblical Literature at UNC-CH, was speaker for the evening, and presented an outstanding address.

PRESENTATION OF AWARDS

With President Wilson presiding, Awards were presented as follows:

(1) Certificates, badges, and lapel pins to members licensed in 1925:
T. Roy Burgiss, Sparta; Harland M. Deal, Lenoir; Wade A. Gilliam, Winston-Salem; Earl H. Tate, Lenoir; James L. Thompson, Reidsville. Also Herbert O. Champion, Waynesville and W. Latham West of Lakeland, Florida, whose awards were made *in absentia*.

(2) Plaques of appreciation to Colorcraft's Ray Black, John T. Black, and Horace J. Lewis.

(3) Bowl of Hygeia Award to B. Cade Brooks, Fayetteville.

(4) Don Blanton Award to Claude U. Paoloni, Chapel Hill.

(5) M. B. Melvin Award to Cape Fear Pharmaceutical Society.

(6) Academy of Pharmacy Certificates to James R. Hickmon of Fayetteville and Ronald H. Small of Winston-Salem.

(7) Presidential Awards to President-elect Lloyd Milton Whaley of Wallace, and President William H. Wilson, Raleigh.

(8) Association of Profession Plaque to W. J. Smith, Chapel Hill.

(9) Pharmacist's Mate Award to Lois Wilson.

Announcements included those by Donald K. Chapman, Convention Chairman, Mrs. Chapman for the Woman's Auxiliary, and William H. Andrews, substituting for W. F. Elmore, TMA Chairman.

The announcement of the Pharmacist-of-the-Year, Jesse M. Pike of Concord, concluded the program.

SECOND SESSION

The Monday morning session, April 14, was opened with a memorial service, the Rite of the Roses, conducted by Mr. and Mrs. Eugene Hackney, honoring the memory of John Marshall Pinnix, Jr., Millard Brown Phillips, Carl Thomas Durham, William Clyde Hollowell, Joseph Lazarus, Kelly Edmond Bennett, Robert Clifton Hair, William Howard Burford, Sr., Morton Clifton Miles, Billy Lee Price, J. Weldon Royal, George David Grimes, G. Rudolph Pittman, Murray Edwin Rodgers, Jr., Phillip Langston Thomas, and Thomas M. Lowder, Jr.

First Vice-President L. Milton Whaley, presided during the President's Address.

PRESIDENT'S ADDRESS

William H. Wilson

(See Page 17)

President Wilson, upon resuming the chair, introduced those attending an NCPhA Convention for the first time.

He then recognized Dr. George P. Hager, former Dean of the UNC School of Pharmacy, who introduced Seymour Blaug, Dean of the School of Pharmacy, for a report.*

Students appearing on the program were Peter Champion, President of the School of

(Continued on Page 14)

Pharmacy Student Body, and Phil Shoffner, President of the NCPhA Student Branch.

Jesse M. Pike, Concord Pharmacist and a member of the NARD Executive Committee, introduced E. Boyd Garrett, President of the National Association of Retail Druggists.

Seymour Holt, member of the NCPhA Committee on National Legislative Affairs, reported for his committee. (*This report was printed in the May issue of the Carolina Journal of Pharmacy.*)

William H. Randall, Chairman of the NCPhA Committee on Legislation, reported for his committee.*

Claude U. Paoloni, Chairman of the Tri-Partite Committee, reported for the committee.*

Robert B. Hall, Chairman of the Consolidated Pharmayy Fund, reported on loans made to students during the year, as well as contributions to the Fund.*

Following pertinent announcements, the session was adjourned to reconvene on Tuesday morning, April 15.

THIRD SESSION

Thomas R. Burgiss
NCPhA Vice President
Presiding

The Tuesday morning, April 15, session featured a three-hour presentation of Mirror, Mirror—How to Build Your Professional Image.

George A. Stevenson, National Pharmacy Affairs Coordinator for the Upjohn Company, introduced David L. Schmidt, program leader.

This informative and innovative program was well received by the more than 200 in attendance.

FOURTH SESSION

The Tuesday afternoon session featured reports from NCPhA Committees and others prominent in North Carolina Pharmacy:

N. C. Board of Pharmacy—H. C. McAllister, Secretary-Treasurer

† Committee on Community Pharmacy—R. Ragan Harper, Jr., Chairman

† Committee on Consumer Affairs—W. Whitaker Moose, Chairman

† NCPhA Institute/Endowment Committee—B. Cade Brooks, Chairman

Committee on Institutional Pharmacy—J. W. Bradley, III, reporting
(*This report carried in May issue of Carolina Journal of Pharmacy*)

Committee on Mental Health—Hunter L. Kelly, Chairman
(*This report carried in May issue of Carolina Journal of Pharmacy*)

† Committee on Professional Relations—C. Michael Whitehead, Chairman

* Public Health and Welfare—Kenneth Edwards, Chairman

* Continuing Education—Claude U. Paoloni, Chairman

N. C. Pharmaceutical Research Foundation—Charles D. Blanton, Jr., President

* W. J. Smith, Executive Director, NCPhA, reporting on the central NCPhA office, and fiscal affairs

Mrs. J. Weaver Kirkpatrick, Woman's Auxiliary president, brought greetings from her group, and announced that W. J. Smith had been inducted into the Auxiliary in honor of his 35th anniversary with the NCPhA—the first male member of the organization.

REPORT OF NOMINATING COMMITTEE

James L. Creech, chairman of the Committee on Nominations, submitted the following slate, which was accepted in its entirety: For 1st vice-president—Eugene W. Hackney of Lumberton and Ernest J. Rabil of Winston-Salem; For 2nd vice-president—Ronald Jenkins of Murfreesboro and Herman Lynch of Dunn; 3rd vice-president—Harry L. Brogden of Lincolnton and Joseph C. Miller of Boone. For members-at-large of the Executive Committee for a one-year term—Gerald F. May, Washington; Rex A. Paramore, Nashville; Donald V. Peterson, Durham; Marshall Sasser, Smithfield; J. Robert Taylor, Crossnore; Wilbur S. Ward, Candler.

For Member of the N. C. Board of Pharmacy for a five-year term: Harold V. Day, Spruce Pine, and W. B. Van Valkenburgh, Asheville.

For Director of N. C. Pharmaceutical Research Foundation: C. D. Blanton, Jr., Kings Mountain; B. Cade Brooks, Fayetteville; Mary Bennett Greyer, Bryson City; Robert B. Hall, Mocksville; N. O. McDowell, Scotland Neck; Hoy A. Moose, Mt. Pleasant; W. M. Salley, Jr., Asheville; John T. Stevenson, Elizabeth City.

TIME AND PLACE REPORT

Paul Branch of Boone reported for the Time and Place Committee. They chose Asheville for the convention site in 1978. The 1976 meeting will be held in Wilmington and the 1977 meeting in Greensboro.

COMMITTEE ON RESOLUTIONS

Thomas R. Burgiss, chairman of the Resolutions Committee presented the report for his committee.
See Page 23

A. H. Mebane, III, Convention Registrar, reported 411 in attendance at the Convention.

N. C. Pharmaceutical Association	170
Woman's Auxiliary NCPhA,	145
Traveling Men's Auxiliary, NCPhA	73
Students	11
Guests	8
Visitors	4

W. Whitaker Moose of Mt. Pleasant, conducted the Installation Service, when the following were charged with the duties of their respective offices:
President—Lloyd Milton Whaley, Wallace; 1st Vice-President—Thomas R. Burgiss, Sparta; 2nd Vice-President—Eugene W. Hackney, Lumberton; 3rd Vice-President—Herman Lynch, Dunn; Executive Committee Members-at-Large—Marsha Hood Brewer, Pink Hill; Kenneth Edwards, Stantonsburg; Alfred Gene Smith, Elizabethtown.

Continuing members, by By-Laws stipulation, will be Past-Presidents Donald J. Miller, W. Whitaker Moose, and W. H. Wilson. W. J. Smith will continue to serve as Executive Director.

Prior to adjournment, President Whaley pledged his support to the members of the Association and spoke briefly about plans for the year.



Pharmacists newly inducted into the NCPhA 50 Plus Club are shown with their certificates. Left to Right, James L. Thompson of Reidsville; Earl H. Tate of Lenoir; Wade A. Gilliam of Winston-Salem; Harland M. Deal of Lenoir; and T. Roy Burgiss of Sparta.—Photo by Colorcraft.



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NCPhA PRESIDENT WILSON'S CONVENTION ADDRESS

FELLOW PHARMACISTS,
GUEST SPEAKERS,
LADIES AND GENTLEMEN:

How do I tell you what is in my heart as a result of 13 months as President of our North Carolina Pharmaceutical Association? To say that I did *not* seek this office is true. To say that I did *not* aspire to this office is false.

I feel indeed fortunate to have been able to offer what poor talents I may possess to the use of pharmacy in North Carolina. I feel blessed to have been able to look to those who have the same love for Pharmacy as I, for their counsel, for their guidance. I feel more than ever a part of Pharmacy, having made decisions that *could* be significant links in the chain of events that shape the future of the delivery of pharmaceutical services.

Before getting into my brief report to you, I must recognize those who have been so much a part of my year and who in many *different* ways helped when help was needed.

I know that all of you will understand when I mention my wife first! Without being too specific, I am not at my best in announcing plans over 30 minutes in advance. I have learned that my ideas are really great, as long as Lois gets them shaped up and functional.

Then the drug store staff, I'm afraid meal breaks have been taken at the telephone, orders have gone unordered, and refill okays have been forgotten. And I'm certain that they are tired of saying, "No we don't know when to expect him." "May we have him call you tomorrow." (probably wanted to know if this weeks issue of T.V. Guide had come in)

In addition, the Officers and Executive Committee, along with the appointed committees, have shown constant support and progressive activity.

Finally, and in as grateful a fashion as I can muster, I want to thank Carolyn Augustine, Donna Wilson, and Erie Cocolas for their dedication to their jobs. To Vivian and W. J. Smith for their aid, devotion, and advice. For their love and understanding knowledge of all things pharmaceutical.

The past Association year has been eventful and full. I have hoped to visit with all of the local groups, and indeed did meet with many of them. I want the pharmacists of the state to know that their state organization is an extension of each local organization, and indeed an extension of each association member. We have the facilities and resources that are the envy of most states in the country, and all of the southeast states. Increasingly, the Association's headquarters building in Chapel Hill is being used to further the progress of North Carolina Pharmacy. The building is in constant use for seminars, committee meetings and the like. As an example, a one-day meeting held in March was attended by 144 registrants, and it took *some* adjustments to seat this number in our 100 seat auditorium.



NCPhA President-Elect Milton Wnaley of Wallace congratulates NCPhA President Wilson on the conclusion of his 13 months of productive activity as head of the 1700 member state-wide pharmacy organization.—Photo by Colorcraft.

This is the year that saw the Board of Pharmacy remove its offices, after some 24 years, from the Institute building and to locate just two blocks away in the Orange Savings and Loan office building where it enjoys much more spacious quarters for its enlarged staff. Every effort and study was made to alter the Institute to accommodate the Board and its increased space requirements. We want to assure you that our facilities are ever open and

PRESIDENT'S ADDRESS

available for Board use. We will be able to enlarge and improve the Association functions with the newly acquired space, and are already in the process of doing so.

Last year in March, we were waiting for the work of the selection committee to succeed Dr. George Hager as Dean of our Pharmacy School. I doubt if there is a pharmacist in North Carolina who hasn't been touched in some manner by Dean Seymour Blaug. I do know that organized pharmacy in North Carolina has opened its arms and hearts to our new dean, and that he has thrown himself to the task unlike anyone I have ever seen! There is no doubt that he will continue the pharmaceutical excellence in education that we in North Carolina have come to expect from our school in Chapel Hill.

Turning to the work of your Executive Committee, which met on the average of every 40 days while I was in office, I would like to mention a few of the problems we met on and dealt with.

THIRD PARTY PROGRAMS: These programs become more important with each passing year, since the percentage of such prescriptions to the total is on the rise. Of special interest is the Medicaid Prescription Program as administered by PAID PRESCRIPTIONS—A 20 million dollar program. We have helped to hammer out what we feel is, *for the moment,* an acceptable program, one that is fair to both the provider, the administrator and the underwriter. I personally feel that a regulated, periodic review of the program is overdue, and efforts should be made to write such a period of review into the contract.

MAXIMUM ALLOWABLE COST: One of the most serious problems facing pharmacy at the present time is HEW's proposed MAC, of which you will hear more later this morning. The Association's position on this proposal, as presented to the Hearing Clerk, was prepared by a committee of five pharmacists, whose dedication to assigned responsibility we gratefully recognize.

PRICE DIFFERENTIAL: The price which you pay for a drug product and the price which another pharmacist may pay for the same product continues to be a problem that has been a major subject on the agendas of state and national association meetings. The Portland Decision will have an impact in one area and other approaches hopefully will result in more positive action needed at this time. As an example, there is no real hope of reestablishing the VA hometown prescription service program until the wide spread pricing range between federal drug purchases and AWP for the same item is eliminated. In this case, it has been said that this country's veterans are indeed second class citizens as compared to social service recipients. This is not right! The NARD has offered some interesting solutions to this problem.

As a result of the refusal of PMA's President Stetler to even discuss the question of price differential with Willard Simmons, there threatens a severe break in the previously strong relationship between PMA and NARD. I personally feel that this break would not serve the interest of the consuming public and pharmacy. In the absence of any willingness of the organized manufacturers to acknowledge the monster *they themselves created,* I forsee the only course of action would be to go separate ways and deal with each manufacturer separately, possibly only through your purchasing agent. Help us to prevent such an eventuality.

Regarding the General Assembly now in session, Pharmacy is honored to have one of its pharmacists serve as Speaker Pro Tem of the Senate, and I refer to Senator John T. Henley, and House Member Barney Paul Woodard, whose legislative know-how is a credit to the profession and the public he serves.

We anticipate legislation concerning pharmacy will be introduced in the next 90 days, although none has emerged at this point. We do have our legislative set-up organized through the Association, and recognize the support of PharmPAC.

For the future, plans are on-going to continue the Association's aggressive policy of meeting problems head-on and of initiating programs of service which the times clearly indicate are needed. Working with consumer groups, obtaining more reliable information on the cost of dispensing a prescription under varying conditions, getting a more positive fix on our members position on mandatory continuing education, adjusting to changes in pharmacy practice, such as the application of clinical pharmacy to the practice of community pharmacy and developing a more productive relationship between the Association and

our associates in pharmacy and other common interest professional organizations.

I would like to close by calling your attention to the reading of the Pharmacist Creed, as I presented it to the graduating class of 1973. I feel that it was good for them, and that it is good for us to hear again.

PHARMACIST'S OATH

I do solemnly swear: That I will abide by the Code of Ethics of the American Pharmaceutical Association in my relations with the public, the other health professions, and fellow pharmacists, That I will obey all the laws governing the practice of pharmacy, and that I will encourage the enforcement of these laws against all persons, pledging to assist the proper authorities in correcting any unlawful or unethical conduct among members of my profession, That I will do my best to develop and maintain professional stature by keeping abreast of developments in my own and related professions, and That I will hold the citizen's health and welfare paramount in all considerations relative to the practice of my profession.

STEPHEN M. ZIMMERMAN JOINS A. H. ROBINS

Stephen M. Zimmerman has joined A. H. Robins Company, Richmond-based pharmaceutical firm, as a medical service representative.

Zimmerman, who holds a Bachelor of Science degree from the University of South Carolina, has been assigned to the company's South Atlantic Division and will be working in the Charlotte, N. C., area.



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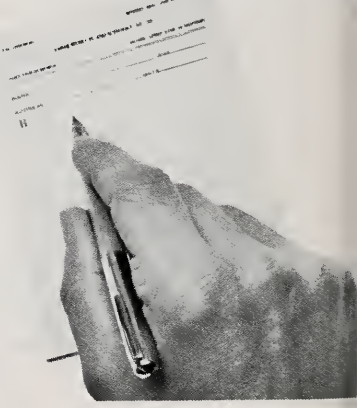
Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained.

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."

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Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document:
(a) chemical equivalence; and
(b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or
(c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
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P-M-A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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SPARTANBURG, SOUTH CAROLINA 29301

RESOLUTIONS ADOPTED

SUBJECT: MAIL BALLOT FOR MANDATORY CONTINUING EDUCATION

BE IT RESOLVED, that the question of mandatory continuing education, as a requirement for annual relicensure, be submitted to members of the NCPhA along with the officer ballot to be mailed within 30 days following adjournment of the 1975 annual meeting of the NCPhA.

SUBJECT: Deciphering Name of Prescriber

WHEREAS, the rapid growth of hospitals in North Carolina has accelerated a problem: *deciphering the name of the hospital physician who writes a prescription, and*

WHEREAS, the pharmacist must know the doctor's exact name for the prescription label and frequently to meet a third-party prescription pay program requirement, and

WHEREAS, DEA regulations and time-consuming long distance calls to verify prescription signatures written by unknown practitioners are problems needing attention by the profession, therefore

BE IT RESOLVED, the North Carolina Pharmaceutical Association work jointly with the North Carolina Society of Hospital Pharmacists towards a practical and acceptable solution to this problem.

SUBJECT: DUPLICATION OF EXISTING HEALTH FACILITIES

BE IT RESOLVED, that the North Carolina Pharmaceutical Association oppose the expenditure of federal funds for personnel and facilities which duplicate existing community health resources, and

BE IT FURTHER RESOLVED, the North Carolina Pharmaceutical Association compile information relating to existing programs which utilize federal funds for the delivery of pharmacy service and to make this information available to any member who requests it.

SUBJECT: Commendation of the U. S. Pharmacopoeial Convention

BE IT RESOLVED, that the North Carolina Pharmaceutical Association commend the United States Pharmacopoeial Convention for electing to use the NCPhA as a distributor for the USP XIX, and

BE IT FURTHER RESOLVED, that the members of the NCPhA and others who are not aware of the merits of the USP XIX, which has been reoriented towards the practitioner of pharmacy, be urged to add this valuable reference to their library.

SUBJECT: Appreciation

WHEREAS, the 95th Annual Meeting of the North Carolina Pharmaceutical Association and its Affiliated Auxiliaries has been an unqualified success, therefore

BE IT RESOLVED, that the North Carolina Pharmaceutical Association express its grateful appreciation to:

1. The Pharmacy Family of Forsyth County, including members of the Forsyth County Pharmaceutical Society and The Apothecary Club, without whose loyal assistance and cooperation this meeting could not have been so fruitful and productive;

2. The Service Wholesale Druggists of North Carolina, for their sponsored entertainment on Monday evening, which did much to add to the success of the convention;

3. The Traveling Men's Auxiliary, who will be sponsoring the concluding entertainment event of the Annual Meeting later today;

4. The Woman's Auxiliary whose presence always enhances the quality of our Annual Meetings;

5. Burroughs Wellcome Company for sponsoring the reception honoring UNC Pharmacy Dean and Mrs. Blaug; the Upjohn Company for sponsoring Mirror, Mirror, a major convention presentation; Owens-Illinois for sponsoring the golf tournament, and our many friends, as listed in the program, who provided financial support.

6. Countless unnamed individuals whose dedication interest, as indicated by their willingness to expend time and effort on individual convention programs and projects, aided in the success of the 1975 Annual Convention, and

(Continued on Page 40)



Officers installed to serve the Woman's Auxiliary of the NCPhA for 1975-76 are (left to right): President, Mrs. M. E. Hedgepeth, Henderson; 1st Vice-President, Mrs. L. M. McCombs, Creedmoor; 2nd Vice-President, Mrs. L. M. Whaley, Wallace; Recording Secretary, Mrs. R. L. Lewis, Charlotte; Corresponding Secretary, Mrs. Paul Branch, Boone; Treasurer, Mrs. A. H. Mebane, III, Greensboro; Parliamentarian, Mrs. Bruce Medlin, Charlotte; Historian, Mrs. Jack H. Upton, Greensboro; Advisors: Mrs. J. Weaver Kirkpatrick, Waynesville, and Mrs. James R. Hickmon, Fayetteville. Mrs. W. J. Smith, Chapel Hill (not pictured) continues to serve as Coordinator.—Photo by Colorcraft.

The Woman's Auxiliary of the N. C. Pharmaceutical Association held its 48th convention in conjunction with the April 13-15 meeting of the parent group.

The Tuesday morning business session, conducted by the president, Mrs. J. Weaver Kirkpatrick of Waynesville, reviewed completed projects, and made plans for the new organization year.

A memorial prayer opened the business session in tribute to the late Mrs. J. R. Curtis of Bessemer City, and a past-president, Mrs. Homer Starling, Raleigh. Mrs. Whitaker Moose, Mt. Pleasant, conducted the memorial service.

Greetings were brought by Mrs. Don Chapman, president of Winston-Salem Apothecary Club and Auxiliary Convention Chairman. Reports received included those of the Treasurer, Mrs. A. H. Mebane, III, Greensboro; Executive Board, Mrs. J. Cody Newton, Fayetteville; Membership, Mrs. M. E. Hedgepeth, Henderson; Hospitality, Mrs. L. M. McCombs, Creedmoor; Parliamentarian, Mrs. A. C. Dollar, Winston-Salem; Historian, Mrs. Bruce Medlin, Charlotte; Resolutions, Mrs. Dave Montgomery, Greensboro; Publicity, Mrs. Phillip Crouch, Asheville; Editor of "Doings," Mrs. George H. Cocolas, Chapel Hill; Projects, Mrs. R. L. Lewis, Charlotte; Institute of Pharmacy Decorating and Remodeling, Mrs. B. Cade Brooks, Fayetteville; Student Wives Scholarships, Mrs. W. Grover Creech, Smithfield; and Nominating, Mrs. John T. Henley, Hope Mills.

Reports revealed continuing support of the scholarship and loan funds made available to students of the UNC School of Pharmacy. Grants had been increased due to the current economy situation.

Interest in Mental Health has continued with special emphasis on assistance with furnishing and equipping group homes.

During the Convention the Auxiliary sponsored a Country Crafts Fair with proceeds going to the continuing remodeling of the kitchen at the Institute of Pharmacy, Chapel Hill.

Before adjourning for lunch, the Auxiliary inducted their first male member into the organization—W. J. Smith, Executive Director of the N. C. Pharmaceutical Association. This special recognition was to mark his 35th year with the NCPhA.

The business session concluded at the Bermuda Run Country Club, with the presentation of a Life membership to Mrs. Clarence H. Smith of Charlotte. This was made possible by a scholarship grant of the Charlotte Auxiliary.

Mrs. Seymour Blaug, wife of the Dean of the UNC School of Pharmacy, brought the luncheon-invocation. Mrs. J. R. Hickmon, immediate past-president of the Auxiliary, conducted the Installation of Officers.

Entertainment for the Auxiliary featured a Coffee at the home of Mrs. Howard Fox and a luncheon at Hyatt House on Monday. Evening entertainment included a Banquet on Sunday evening, musical groups and dances on Monday and Tuesday evenings.

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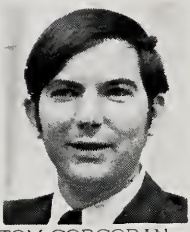

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Most pharmacists know their stores are increasingly becoming targets for burglary, robbery and prescription forgery. And many of them are searching for help to prevent these crimes.

Responding to this growing need, Smith Kline & French Laboratories has formed a Pharmacy Security Advisory Panel of experts from pharmacy, security, and drug control agencies.

The 10-member Panel met recently at SK&F headquarters in Philadelphia to formulate plans to help pharmacists deal with what many consider a crisis. "We need to show pharmacists how to protect themselves, their patients and their employees," commented one Panel member. "And we need to help them minimize their losses."

Donald K. Fletcher, Manager of Legislative, Pharmacy and Health Programs at SK&F sees another problem area: "Many patients are finding pharmacy services unavailable in high crime areas and in the evening hours," he says. "If this trend toward fewer pharmacies and shorter hours continues, we could well have a serious health care problem on our hands within the next five years." Fletcher and George C. Heil, Manager of Pharmacy Affairs, are SK&F's representatives on the Panel.

With the Panel's guidance, SK&F is developing a series of pharmacy security projects which will tackle a wide range of problems and offer advice to pharmacists on what to do and, in many cases, what not to do.$ The projects will inform pharmacists on such subjects as the advantages and disadvantages of alarm systems, safes and vaults; methods of improving building and employee security; and ways in which a pharmacist should react to an armed robbery.

The information—in the form of posters, printed materials, audiovisual aids and training programs—will be made available to pharmacists in the coming months primarily through SK&F Professional Sales Representatives.



Ray Black (left), the newly installed president of the Traveling Men's Auxiliary of the NCPhA assumes the responsibility of the office for 1975-76 as symbolized by transfer of the TMA gavel. TMA President (1974-75) is shown on the right. Photo by Colorcraft.

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Dear W. J.:

Thank you for your very thoughtful letter and the kind appreciation you expressed for the Upjohn sponsorship of Dave Schmidt's presentation.

Your meeting was fast-moving, informative, interesting, and above all a very friendly one. The Upjohn Company feels highly honored you permitted us a "first" in so far as a speaker's time-allocation was concerned.

The high percentage of North Carolina pharmacists belonging to the NCPhA attests to your personal skills in image-building and the upgrading of pharmacy in North Carolina over the past 35 years. If our programs adds to the base you have built, additional communicative skills for the pharmacists with their patients, their physicians, industry and government, we will all be well-rewarded.

To us, our sponsored participation in your convention was a perfect example of what can be accomplished when association pharmacy and industry work together for a mutual worthwhile cause.

George A. Stevenson, R.Ph.
National Coordinator
Pharmacy Affairs
The Upjohn Company

Dear W. J.:

Many times I have been proud of belonging to the North Carolina Pharmaceutical Association. Last week, however, was a highlight as you effectively demonstrated your clout and expertise as secretary of our association. The manner in which you handled our complaint against Drustar was swift and productive, as indicated by the correspondence from the company.

It gave me much satisfaction to observe the change in their attitude when questioned by your office.

Undoubtedly we have leadership in the association of which North Carolina Pharmacists can be justifiably proud. Thank you for your help and aid on our behalf.

Hugh Moore
Spindale Drug Company
Spindale, N. C.

NORTHEASTERN

Reported by Ray Bonney

Dr. D. H. Taylor was guest speaker at the April 9 meeting of the Northeastern Carolina Pharmaceutical Society, which was held in Williamston at the Roanoke Country Club.

The June 11 meeting of the Society will be held in conjunction with an AHEC-sponsored program in Greenville.

John Stallings, president of the Society, presided at the meeting.

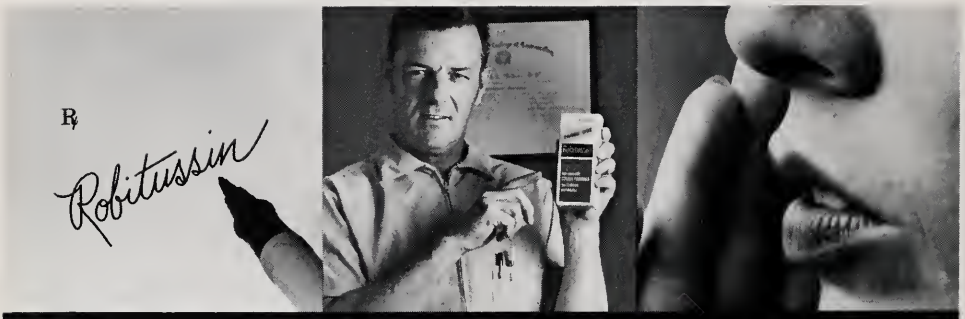
RESCUE SQUAD DEMONSTRATES LIFE-SAVING TECHNIQUES

A demonstration of life-saving techniques by a rescue squad from Carrboro featured the May 15 meeting of the Durham-Orange Pharmaceutical Association.

Four members from the squad, headed by Pharmacist Lloyd Senter, presented the program.

Brief reports concerning the legislative situation in Raleigh were given by Dr. E. A. Brecht and W. J. Smith.

Mail ballot officer election will take place this summer. Beginning in the fall, the organization will go to monthly meetings, alternating between continuing education programs and socials.



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NEW PHARMACIES

(1) The Medicine Shoppe, 1934 West Franklin Blvd., Gastonia. Joseph B. Edmunds, pharmacist manager.

(2) Revco Discount Drug Center, 117 Bickett Blvd., Louisburg. Keith Wright, pharmacist manager.

(3) Revco Discount Drug Center, 1530 North Bridge Street, Elkin. John Michael Felts, pharmacist manager.

BERLOW SPEAKS TO LEGION AUXILIARY

Professor Leonard Berlow spoke to the Prospect Hill American Legion Auxiliary regarding children's attitudes and habits of drug abuse.

Professor Berlow is the Director of Drug Education for the UNC School of Pharmacy.

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Paul L. Couey from Georgia
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UNC PHARMACY SCHOOL NOTES

DEAN BLAUG SPEAKS TO PHARMACY GROUP

Dr. Seymour M. Blaug, Dean of the UNC School of Pharmacy was a recent guest speaker at a dinner meeting of the Harnett County Pharmaceutical Association. Dr. Blaug spoke on the new trends in pharmacy education and the School of Pharmacy's role in the development of pharmacists.

PHARMACY SCHOOL RECEIVES HEART AWARD

The North Carolina Heart Association has awarded the Outstanding Organization Citation to the UNC School of Pharmacy in behalf of its leadership in the local community for their heart cause during the year 1974-75.

The students of the UNC School of Pharmacy have actively participated in education programs for hypertension screening clinics.

DEAN WERLEY ATTENDS MINORITY SEMINAR

LeRoy D. Werley, Assistant Dean of the UNC School of Pharmacy attended a Special Project Seminar of the Office of Minority and Low Income Recruitment for Pharmacy held in Atlanta recently.

The UNC School of Pharmacy ranks high nationally in numbers of minority students enrolled.

Dean Werley is also a member of the Southeastern Regional College Recruitment Directors.

PHARMACY'S DR. LEE AWARDED GRANT

The Division of Cancer Research of the National Cancer Institute has announced the award of a $75,000 grant to Dr. Kuo-Hsiung Lee, School of Pharmacy, of the University of North Carolina.

The grant award was for a three year period in support of Dr. Lee's natural products research in the area of "plant antitumor agents."

Dr. Lee, an Associate Professor, is a member of the Division of Medicinal Chemistry.

WIGGINS WRITES PRIZE-WINNING PAPER ON COMMUNITY PHARMACY

Linda Gail Wiggins of Goldsboro has written a prize-winning paper on "The Challenges and Opportunities of Being a Community Pharmacist" in a competition for pharmacy students at the University of North Carolina.

Miss Wiggins, a third year student, will receive $100 for the paper submitted in the contest by her sponsored by the National Association of Retail Druggists and Eli Lilly Company. Her paper will also be considered by a national judging committee comprised of community pharmacists and pharmacy college faculty members.

If she is named one of the Regional winners, she will receive an additional $100 and a plaque in honor of this achievement.

One of the eight finalists will also be named as the National Winner, receiving a $1,000 grand prize and an expense-paid visit to the NARD Annual Convention October 12-16, in Miami Beach.

Dean Blaug of the University of North Carolina, School of Pharmacy commended Miss Wiggins for her excellent paper and said it was one of a number of fine essays submitted by UNC School of Pharmacy students.

DR. HAGER ATTENDS USAF PHARMACY SEMINAR

Dr. George P. Hager of the UNC School of Pharmacy is attending the United States Air Force Pharmacy Seminar at Brooks Air Force Base, Texas.

Dr. Hager is the Consultant in Pharmacy to the Surgeon General, USAF, and in this capacity is a featured speaker at these annual seminars.

Dr. Hager will also visit four USAF hospitals to survey pharmacy services in Air Force hospitals. Dr. Hager has been active in encouraging pharmacists roles as "physician extenders" in the Air Force medical services.

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Mycoplasma pneumoniae (Eaton agent, PPLO): In the treatment of primary atypical pneumonia, when due to this organism.

See package insert for other indications.

Contraindication: Contraindicated in patients with known hypersensitivity to erythromycin.

Warning: Safety for use in pregnancy has not been established.

Precautions: Erythromycin is principally excreted by the liver. Caution should be exercised in administering the antibiotic to patients with impaired hepatic function. Surgical procedures should be performed when indicated.

Adverse Reactions: The most frequent side effects of erythromycin preparations are gastrointestinal, such as abdominal cramping and discomfort, and are dose-related. Nausea, vomiting, and diarrhea occur infrequently with usual oral doses. During prolonged or repeated therapy there is a possibility of overgrowth of nonsusceptible bacteria or fungi. If such infections occur, the drug should be discontinued and appropriate therapy instituted. Mild allergic reactions such as urticaria and other skin rashes have occurred. Serious allergic reactions, including anaphylaxis, have been reported.

Treatment of overdose: The drug is virtually nontoxic, though some individuals may exhibit gastric intolerance to even therapeutic amounts. Allergic reactions associated with acute overdosage should be handled in the usual manner — that is, by the administration of adrenalin, corticosteroids and antihistamines as indicated and the prompt elimination of unabsorbed drug, in addition to all needed supportive measures.

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- Greensboro—Mrs. Roger Barricks
- New Hanover—Mrs. W. J. Smith
- Raleigh—Mrs. Darrell Estes

CHAPEL HILL

Mrs. Morris Hedgepeth of Henderson, who was installed as president of the NCPhA Woman's Auxiliary at the 1975 convention, made her first appearance in an official capacity when she installed officers for the Chapel Hill Woman's Pharmaceutical Auxiliary May 6 at the Institute of Pharmacy.

Prior to the installation, Mrs. James Olsen, retiring president, conducted a short business session. Funds were allocated to pharmaceutical projects, and recommendations were made for the coming year.

Mrs. Hedgepeth asked for the Chapel Hill Auxiliary's assistance with statewide programs, saying that the strength of the state auxiliary was made greater through the combined support and cooperation of local auxiliaries.

Officers installed to serve for 1975-76 were: Mrs. Milton Skolaut, president; Mrs. George Cocolas, vice-president; Mrs. Len Berlow, secretary; Mrs. Arthur McBay, treasurer; Mrs. Fred Eckel, historian. Mrs. Olsen will serve as advisor.

GREENSBORO

The Greensboro Drug Club Auxiliary held its April meeting at the home of Mrs. W. P. Brewer. Devotional was by Mrs. J. Frank Pickard and Mrs. Brewer. Hosteses for the covered dish luncheon were Mrs. M. M. Edmonds, Mrs. G. H. Edmonds, and Mrs. Roger C. Barricks.

A musical program was presented by Ruth Ann Millikan, vocalist, and Jo Ann Grimes, accompanist. Both are active in Greensboro in musical theatre productions. Ms. Millikan also teaches voice.

Officers to serve for the next year are: Mrs. J. Frank Pickard, president; Mrs. Roger C. Barricks, vice-president; Mrs. E. S. Setzer, secretary; Mrs. D. C. Bracker, treasurer; Mrs. Reid Sandford, chaplain; Mrs. B. E. Cook, historian.

NEW HANOVER

Officers for 1975-76 were installed at the April meeting of the New Hanover Pharmaceutical Auxiliary, held at Tuesday's Restaurant.

Following a brief business session chaired by out-going president, Mrs. Les Collins, Mrs. W. J. Smith of Chapel Hill installed officers for 1975-76.

Officers installed were: Mrs. John Bullock, president; Mrs. Lindsey Odom, vice-president; Mrs. Larris Hovis, secretary; Mrs. Mike Wellons, treasurer; Mrs. Bill Morton, historian; Mrs. Crayne Howes, projects chairman. Mrs. Franklin Williams and Mrs. Julius Howard will serve as Woman's Auxiliary chairmen for the 1976 annual convention to be held at the Wilmington Hilton.

Special guest was Mrs. L. Milton Whaley of Wallace, second vice-president of the state auxiliary, and wife of the NCPhA president.

RALEIGH AUXILIARY

The Raleigh Women's Pharmaceutical Auxiliary has been quite busy this Spring working on the State Mental Health Project. The March meeting at the home of Mrs. Henry Williams gave members the opportunity to learn more about the Fairmont Child Development Center, a unique educational concept for retarded children. The Director, Mrs. Julia Dixon, described their program and gave a history of some of the children attending. She also gave suggestions of things the members could make for use by the children.

At the April meeting at the home of Mrs. Robert Seaborn, final preparations for the upcoming flea market were discussed and articles were collected for sale. Officers for the new year were nominated and approved, to be installed at the May meeting.

The State Mental Health project, a flea market, was held on April 5 and 6 and netted $312.00 in donations and sales for the Fairmont Child Development Center and gave the members a chance to increase their salesmanship skills. This money combined with proceeds from an earlier money-making project made a total of $443.32 donated to the Center.

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BIRTHS

Ramsey

Harry and Tillie Ramsey announce the birth of Harold Benjamin, April 26. Both parents are graduates of the UNC School of Pharmacy, 1971. Harry is now a senior dental student at UNC. Tillie is employed with Eckerd Drug Company of Durham.

Bumgarner

Born to Mr. and Mrs. Carl B. Bumgarner on April 3, a son, Robert Carl. Mrs. Bumgarner was Susan Stafford, a 1970 graduate of UNC School of Pharmacy; she is associated with Bobbitt's Pharmacy, Winston-Salem.

DEATHS

E. D. Millaway

Eugene Delano Millaway, 73, Burlington pharmacist, died May 12 following six weeks of declining health.

Prior to retirement in 1965, Mr. Millaway was manager of Mann's Drug Store, Burlington. His major hobby was working with the Carolina Coastal Amateur Emergency Radio Network.

Surviving are two daughters, Mrs. D. E. Holt, Sr. and Mrs. Joe R. Seymour, both of Burlington; five grandchildren and one great-grandchild.

J. M. (MIKE) HALL, JR.

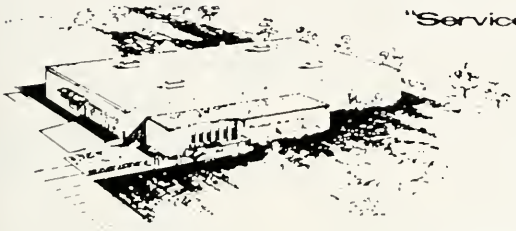
James Malcolm Hall, Jr., Wilmington pharmacist, died April 9 following an extended illness.

Mr. Hall was a native of Wilmington (March 2, 1906) and a graduate (1925) of the UNC School of Pharmacy. He was the son of the late Pharmacist J. M. Hall and was associated with his father in the operation of Hall's Drug Store for many years. The pharmacy was sold about two years ago at which time Mr. Hall announced his candidacy for the N. C. Senate and started construction of a new home on Scotts Hill Sound Road.

He saw service in France during WWII and returned as a Lt. Col. to reorganize the National Guard in Wilmington.

He served as a county commissioner (New Hanover) for twenty years and chairman for ten years. He was chairman of the New Hanover County Board of Health for ten years and a Trustee of New Hanover Memorial Hospital for eight years.

He is survived by his wife, Mrs. Edith Morton Hall; two sons and a daughter; three sisters and three grandchildren.



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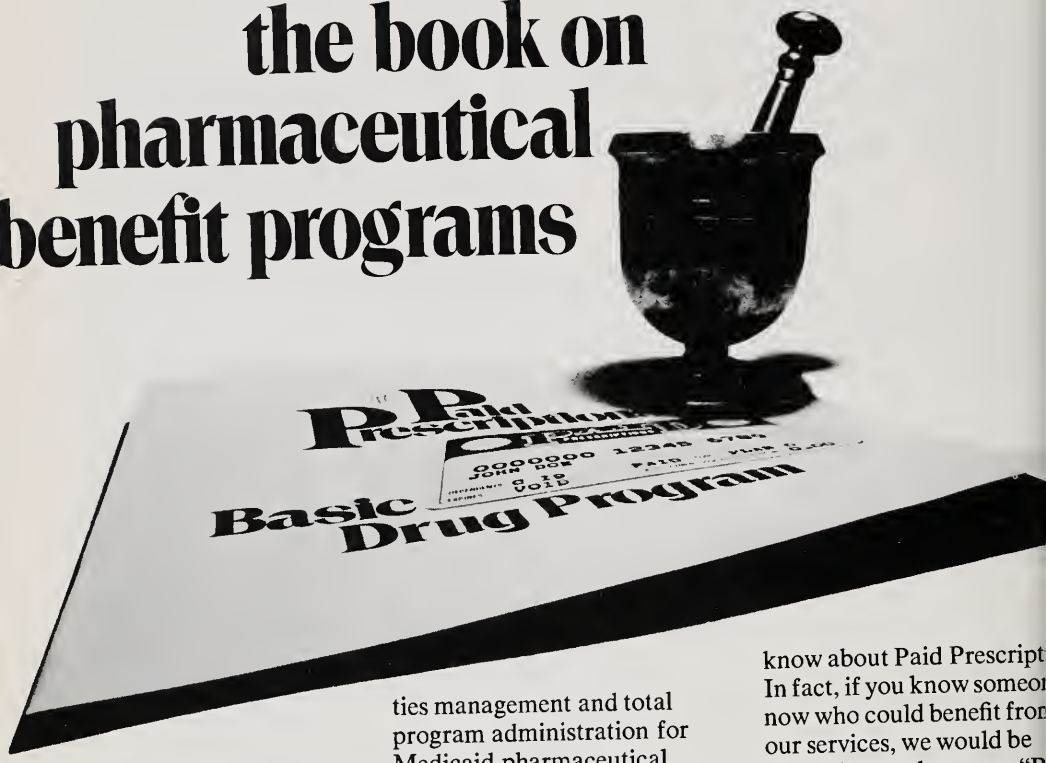
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REPORT OF THE COMMITTEE ON COMMUNITY PHARMACY

R. RAGAN HARPER, JR., CHAIRMAN

Committee Members: R. Ragan Harper, Jr., Chairman; Ernest L. Carraway, Jr.; Gene F. Herring; Evelyn P. Lloyd; Addie B. Pegram; Fred Semeniuk; Oscar L. Umstead.

The Community Pharmacy Committee met in join session with the Consumer Affairs Committee, W. Whitaker Moose, Chairman.

In dealing with the problems of Community Pharmacy, it is impossible to discuss them without becoming intertwined with the problems of Consumer Affairs.

It is the opinion of our committee that patients should look for the type of pharmacy which meets their particular needs. Points to be considered should be convenience, prices, delivery and charge services, patient profiles, and other individual services. In turn, we, as community pharmacists should use every opportunity to make patients aware of the services we provide. We as a committee would like to encourage community pharmacists to provide full pharmacy services to patients, at the same time receiving fair compensation for such services.

We, as a committee, would like to urge you to oppose price posting totally. We feel price posting would not lower the overall cost of prescriptions to the patients. And, in many instances it would be confusing to the patient due to the complexity of similar drugs. It could also lead to a system of loss leaders on prescription medication.

We, as a committee, feel that community pharmacists should quote prescription prices over the telephone if requested to do so, *but only after ascertaining that the patient has correctly read the name, strength, and quantity of the medication prescribed.*

It is the opinion of this committee that community pharmacists should go to a delivery fee for delivery of prescriptions. We estimate that it costs at least a dollar to deliver a prescription at the present time. This will probably increase considerably in the next year due to increased cost of gasoline. We feel that delivery service should carry a set fee over and above the price of the prescription, that the charge should be completely in the open, and the patients made aware of it.

We feel that each individual pharmacy should set its own fee, based on its expense of delivery. With the increasing costs of delivery, the pharmacists in the state of Connecticut are asking for an extra dollar for delivery to patients covered under the Connecticut Blue Cross third-party payment program.

We in North Carolina want to keep abreast of the problems we must face in the days, weeks, and months to come and to solve them before they become too big to master. Therefore, we as a committee, would urge all community pharmacists to get more deeply involved in their profession, and continually work to preserve what we have worked for and accomplished over the years.



BLOWING ROCK

Village Pharmacy—Two Tennessee men were arrested following a robbery of the pharmacy. Local police, alerted by a monitoring device installed in the pharmacy, made the arrest. Recovered: A pillow case of CS drugs valued at $2,500.00.

Pharmacist Bob Lowe credits the pharmacy's monitoring system and quick reaction by local police to preventing a costly robbery. He says "something can be done to protect ourselves".

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WANTED: Complete set of drug store fixtures and equipment. Call (919) 259-2003 or write Norwood Blanchard, Box 206, Burgaw, N. C. 28425.

HYPERTENSION SEMINARS

A 1-day seminar on "Hypertension", cosponsored by the UNC School of Pharmacy and Ciba Pharmaceutical Company, was held in Greensboro on May 28 and in Charlotte on May 29.

Local pharmaceutical organizations in the Greensboro and Charlotte areas cooperated in promoting the 1-day meeting.

RELIEF PHARMACISTS:

Henry B. Ridenhour, 303 Brookmead Drive, Statesville, N. C.
Phone (704) 749-5971

Mrs. Ann Angle, 402-F E. Montcastle Drive, Greensboro, N. C. 27406
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For NCPhA member pharmacists in all areas of the state. Send the NCPhA complete information about yourself, including employment for past 12 months, and your state area/pharmacy specialty preference. This service not open to non-NCPhA members.

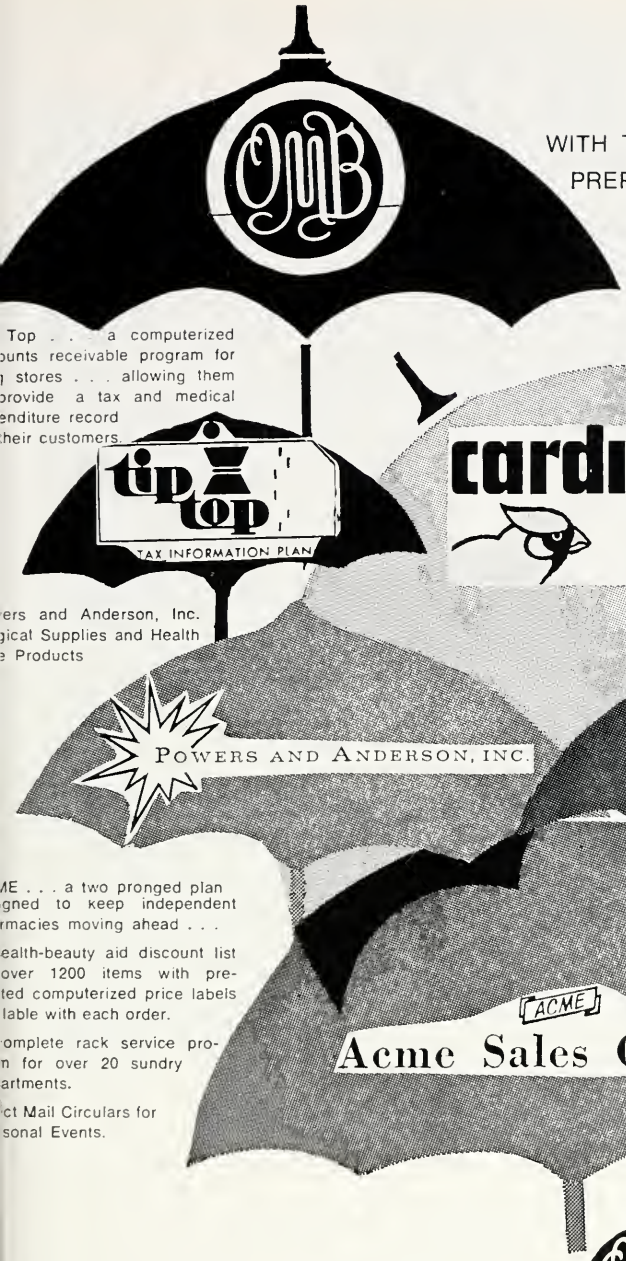
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RESOLUTIONS

(from Page 23)

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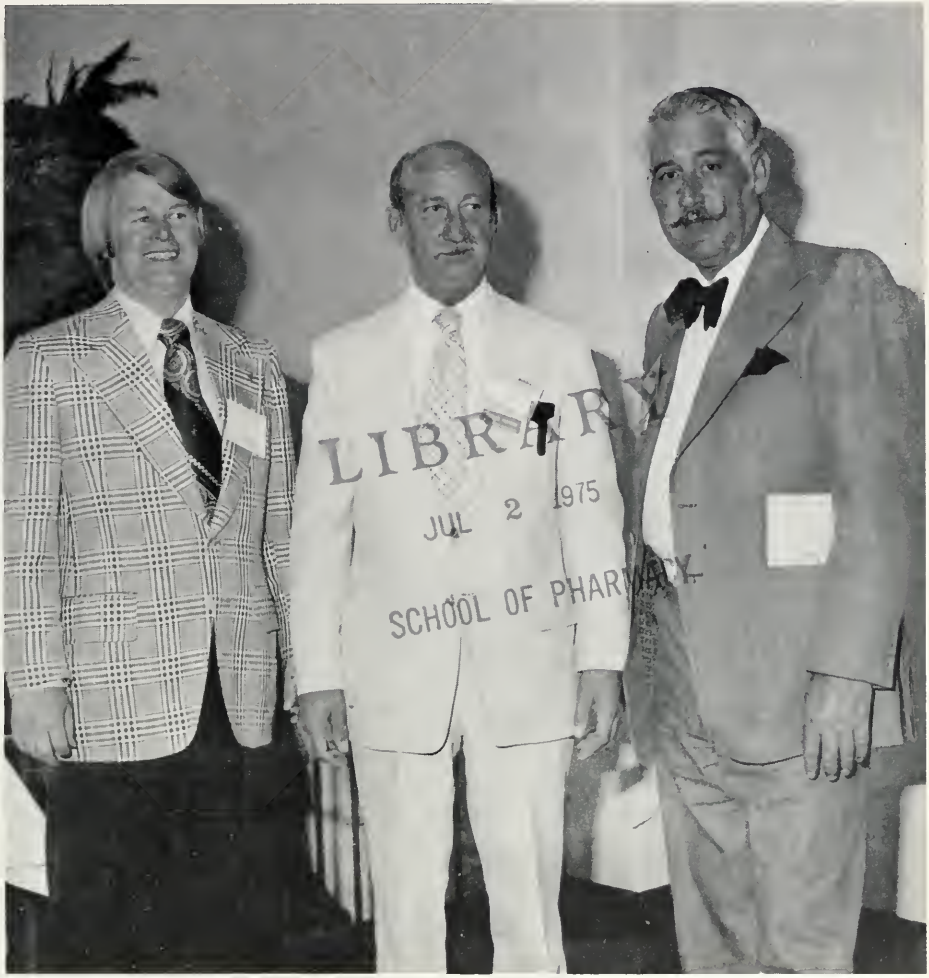
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The Carolina **JOURNAL OF PHARMACY**

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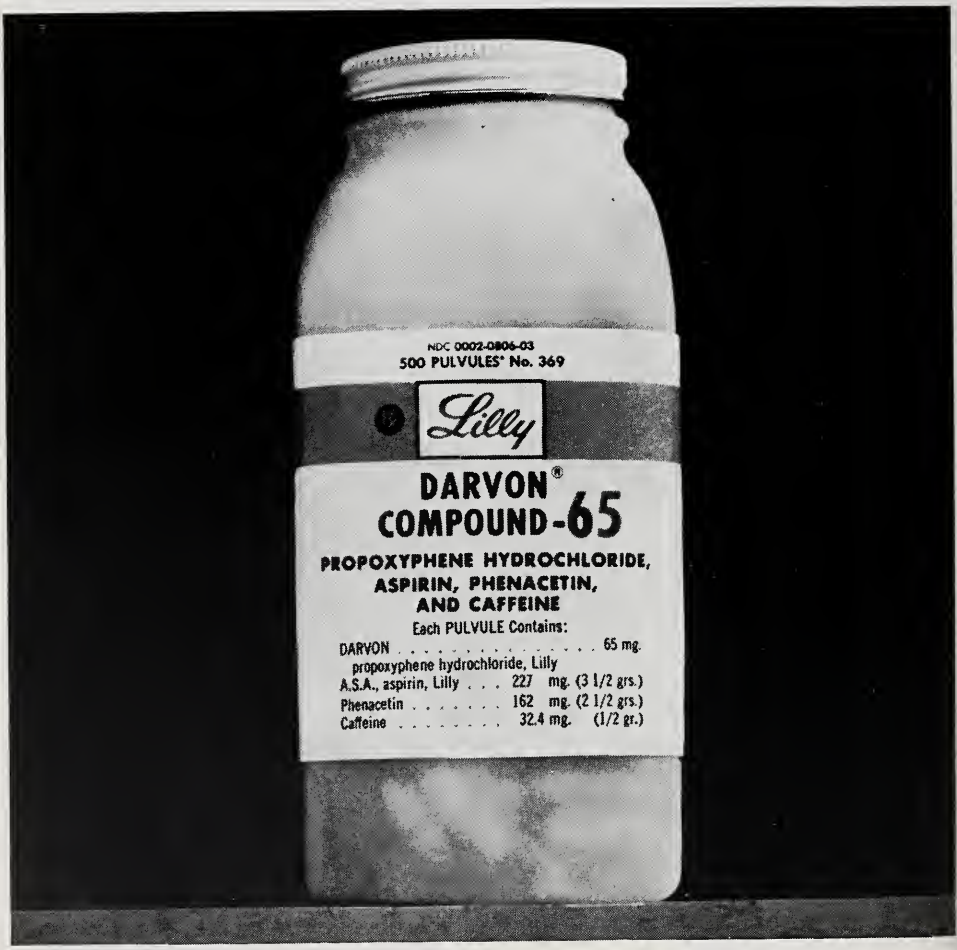
The three pharmaceutical manufacturer representatives pictured above are members of The Traveling Men's Auxiliary of the North Carolina Pharmaceutical Association. They are typical of the more than 300 TMA members who are such an important adjunct to organized pharmacy in the state.

Pictured, left to right, are Terry Stevens, Charles H. Hickman and D. J. Shelton of the Burroughs Wellcome Company. They were present in Winston-Salem for the 95th annual meeting of the NCPhA and Affiliated Auxiliaries.

The complete TMA member list will appear in a forthcoming issue of The Carolina Journal of Pharmacy. In the meantime, check page 29 for the TMA officer list and page 28 for "Tops in Golf"—a TMA-sponsored event.

By the time this issue of The Journal is delivered, Terry Stevens will have moved to New Jersey where he will be associated with BW's Philadelphia district office. Charles H. Hickman, a graduate of the Rhode Island College of Pharmacy and a member of the NCPhA, when not on the road for BW, visits his home in Burke, Virginia; the same for Greensboro-based Dean Shelton, who is as well known in North Carolina as Empirin Compound.—Photo by Colorcraft.

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The Carolina JOURNAL OF PHARMACY

July, 1975

Vol. LV No. 7

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N. C. MUTUAL WHOLESALE DRUG COMPANY OCCUPIES NEW 35,000 SQ. FT. ADDITION TO DURHAM WAREHOUSE

Company Sets $23 Million Sales Record Past Year

More than 250 stockholders and their wives plus a number of guests attended the May 21 annual meeting of North Carolina Mutual Wholesale Drug Company. The dinner meeting was held in Chapel Hill at the Carolina Inn.

N. C. Mutual, with annual sales of approximately $23 million, serves 275 drug stores in 63 North Carolina counties.

Occupancy of a new 35,000 square foot addition to the company's present warehouse in Durham is expected in early June. A new computer and merchandise-handling system is being installed.

All officers of the company were reelected: *President*–Banks Kerr of Raleigh, *Vice President*–J. C. Jackson of Lumberton, *Secretary*–C. L. Shields of Jacksonville, *Executive Vice President & General Manager*, Ralph P. Rogers, Jr. of Durham.

Five directors were elected to three year terms: B. Cade Brooks, Fayetteville, B. D. Kerr of Raleigh, Sam McFalls of Greensboro, Jesse Pike of Concord, and Herman Lynch of Dunn.

CHALLENGE REACTION TO THE EXAM: FAVORABLE

Approximately fifty pharmacists re-exposed themselves to a current Board of Pharmacy "challenge examination" on June 8 in the following locations with designated Board of Pharmacy representatives:

Asheville—Harold V. Day

Concord—Jesse M. Pike

Greensboro—David Claytor

Chapel Hill—Bill Randall and H. C. McAllister

Greenville—Jerry Price

Note: The Concord exam was scheduled prior to the June 8 sessions.

Initial reaction from some of the participants was that the exam was a fair one touching on many problems of a practical nature with which the practicing pharmacist has to face on a day by day basis.

Evaluation of the exam is now underway.

Our personal reaction: Commendation to any pharmacist who, after 20 or 30 years, will expose himself or herself to a 1975-style Board exam. And of incidental note: Milliequivalents presented a major problem for some of the candidates.

A NEW TWIST TO SAFETY CONTAINERS

Henry Shigley of Asheville sent us a safety container returned for a refill. The patient, having failed to solve the push down and turn instructions, had used a hot poker to melt a 1-inch hole at the bottom of the container.

Since the medication prescribed was "for sleep", the effectiveness of the medication was probably lessened by frustration.

If companion sales—one poker with each safety container—are developed, remember my 10% commission.

WERLEY APPOINTED

LeRoy Werley, Assistant Dean of the UNC School of Pharmacy, is the newly appointed NCPhA representative to the North Carolina Health Manpower Council.

A major objective of the Council is involvement of minority groups in the various health professions.

AWARD PRESENTED TO LOWDERMILK FOR HYPERTENSION SCREENING ACTIVITY

Official recognition for his hypertension screening clinic work came to Chapel Hill Pharmacist Ed. Lowdermilk during the recent Winston-Salem Convention of the N. C. Heart Association.

An "Achievement Award" was presented to Pharmacist Lowdermilk by the Heart Association. Since volunteers from the UNC School of Pharmacy and the UNC School of Nursing assisted in the clinics, the Orange County unit of the Heart Association was recognized with a Unit Award.

LEGISLATIVE RECORD

Listed below are some legislative bills of interest to Pharmacy summarized immediately prior to anticipated adjournment of the 1975 session of the General Assembly of North Carolina. Action of the NCPhA staff was directed by the Association's committee on legislation (Bill Randall, chairman) and the executive committee (Milton Whaley, chairman).

A special note of thanks to Senator Henley and Representative Woodard, whose special expertise is highly regarded in Raleigh, and to the pharmacists and others who reacted when requested to do so. At appropriate times, cooperative support of NC-PharmPac and the N. C. Association of Professions was most helpful.

HB 949—Would require prescription price quotes by telephone or in person with or without a valid prescription plus posting of Rx price information. NCPhA Position: Oppose. Bill was referred to the House Judiciary Committee #1 and given an unfavorable report by the committee.

HB 972—Amendment (39 pages) to bring the North Carolina Food, Drug and Cosmetic Act into conformance with federal laws and regulations. Endorsed by the NCPhA after certain proposals in the original bill were changed in order to make it lawful to accept oral CS prescriptions from authorized prescribers by phone and to validate prescriptions written by out-of-state practitioners. Passed by the House and Senate and has been ratified.

HB 973—To authorize registered nurses and physician associates to prescribe drugs under standing orders of a physician and as approved by the N. C. Board of Medical Examiners, and to compound and dispense drugs under supervision of a pharmacist in a manner prescribed by rules and regulations adopted by the N. C. Board of Pharmacy.

This bill, a complete rewrite of an original proposal, which was not acceptable to the NCPhA, was endorsed by the NCPhA Committee on Legislation in its final form. Passed House on May 23 and the Senate on June 12. Bill has been ratified.

HB 1025—Relates to hypodermic syringes, needles, gelatine capsules, etc. Would require written record of sales, identification of purchaser and in some instances, obtain a permit from the N. C. Drug Authority to possess and sell such products. NCPhA position: Oppose. Action: Bill was postponed indefinitely by House Judiciary Committee II.

HB 852—Authorize the Governor to appoint a public member on the Board of Pharmacy for a 3-year term with full voting privileges. NCPhA Position: Oppose. Action: Legislator who introduced bill let HB 852 die in committee.

STATE BUDGET—NCPhA supported budget request of the N. C. Department of Human Resources, which included funding for the N. C. Medicaid Rx Program ($20 million).

AEROSOL—The NCPhA opposed a bill which would have required special warning labels on all aerosol-containing products. Action: Bill was defeated in the Senate thru effort of Senator Henley and others.

Record of the North Carolina Pharmaceutical Association 1975 session of The General Assembly:

- **All bills endorsed by the NCPhA were passed and ratified**
- **All bills sponsored by the NCPhA were not passed (defeated, postponed indefinitely, unfavorable report, etc.)**

NO TOOLS NEEDED.

Empirin® Compound 250's still have easy-open, easy-close, fiddle-free caps



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Make the most of every analgesic inch on your shelves. Make it with Empirin Compound 250's.

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NCPhA EXECUTIVE COMMITTEE JUNE 12 AGENDA INCLUDED DISCUSSION OF LICENSED PHARMACIST INTERNS, STANDARDIZED INSURANCE CLAIM FORM AND PROGRAMS ASSOCIATED WITH THE RETROACTIVE ISSUANCE OF MEDICAID ELIBILITY STICKERS

Action taken by the Executive Committee of the NCPhA in Chapel Hill on June 12:

At a request of the N. C. Board of Pharmacy, committee reviewed current status of licensed interns. This category of licensed personnel meets a need but due to some abuses, the committee recommends to the Board of Pharmacy that the law be amended to establish a specific time limit on hours the licensed pharmacist intern can operate in the absence of direct supervision of the licensed pharmacist.

As a result of a growing problem relating to the retroactive issuance of Medicaid elibility stickers, the committee will urge the Department of Social Services to reemphasize to its field representatives that the federal guidelines provide for a maximum of three months retroactive eligibility.

Mr. Burgiss brought to the attention of the committee a need to develop a standardized pharmacy insurance claim form similar to those now in use by hospitals and physicians. Samples of forms in use in other states will be assembled for study and evaluation and the committee's concern will be brought to the attention of the chairman of the North Carolina Health Insurance Advisory Board.

President Whaley and Secretary Smith will meet with officers of the NCPhA/APhA Student Branch in order to enhance the effectiveness of the organization during the coming school year.

The committee reviewed three financial reports: (1) 1974 CPA audit of NCPhA income and disbursements; (2) 1975 convention report; and (3) NCPhA Financial report for the period January 1 thru May 31, 1975.

The committee received as information a letter from Mr. Steven Moore, one of the Association's voting delegates to the 1975 meeting of the APhA in California. Mr. Moore's report included resolutions and significant action taken.

The Association's committee on legislation was commended for its effective effort in Raleigh (see legislative report) which was coordinated with others having a common interest in pharmacy bills considered by The General Assembly.

Challenge Examination—conducted by the N. C. Board of Pharmacy. Some pharmacists who participated reported the exam to be fair with emphasis on the practical nature of the questions (see co-related story this issue Journal).

The committee reviewed state-wide publicity resulting from the Federal Trade Commission's announcement it would seek to void any law or regulation prohibiting the advertising of prescription prices. Since what the Commission seeks to prohibit is already permitted in North Carolina, the committee will follow future Commission action on the proposal on behalf of NCPhA members.

A "pharmaceutical manufacturer evaluation" form now in use by the NCPhA staff in Chapel Hill was reviewed and approved by the committee. Due to a time factor, staff time, when the occasion arises, is allocated to those pharmaceutical manufacturer representatives who demonstrate a cooperative approach to NCPhA-sponsored programs and projects along with co-related organizations, such as support of the Traveling Men's Auxiliary of the NCPhA.

Advance Planning:

(1) The Jesse M. Pike "Pharmacist of the Year" dinner will be scheduled in Concord in September.

(2) The NCPhA will sponsor a motorcoach tour to the October meeting of the NARD in Miami, Florida. Funds for student participation will be collected by the NCPhA.

(3) In observance of the 20th anniversary of the founding of the N. C. Academy of Pharmacy, a dinner will be scheduled in Chapel Hill in mid-November.

Members Present: Milton Whaley, chairman; Tom Burgiss, Gene Hackney, Herman Lynch, Marsha Hood Brewer, Kenneth Edwards, Alfred Gene Smith, W. H. Wilson and W. J. Smith, Secretary.

NARD CALLS PRESCRIPTION PRICE ADVERTISING A DISASTER FOR THE AMERICAN CONSUMER

The intention of the Federal Trade Commission to overrule state laws and permit drug stores throughout the country to advertise prices of prescription drugs was called here today "a real disaster for the American consumer" by Willard B. Simmons, executive secretary, The National Association of Retail Druggists.

"The 33 states that now forbid prescription price advertising do so for the same reason that all state and professional societies forbid price advertising by doctors, dentists and lawyers. They recognize that the filling of a prescription is a professional service which involves the pharmacist in a special relationship with the patient. The concerned pharmacist maintains patient health profiles for protection from adverse drug effects, monitors the quality of the drugs in his inventory for freshness and efficacy, provides after-hours emergency pharmaceutical health care, and other indispensable services. What the FTC calls prescription prices actually involves not only the price of drug products but the professional contribution made by the pharmacist," Simmons said.

"The avowed intention of the FTC to set up price competition between pharmacists would result in a deterioration of pharmaceutical health care because of the replacement of professional concern by assembly line dispensing of prescriptions that is barely one step removed from vending machines.

"FTC chairman Louis Engman is correct when he says there is a wide variety of prescription prices in this country. But he doesn't say why. The corporate chain drug store that puts a pharmacist-employee behind the prescription counter, and demands that he meet a quota of hundreds of prescriptions a day, can compete on a price basis. But is the price saving achieved by the elimination of the professional relationship that may be vital to consumer health worth the cost in the level of health care provided? Simmons asked.

"An emphasis on prescription prices is a throw back to the day when 'painless dentists' toured rural areas and advertised tooth extractions for 50 cents. No doubt the service was a bargain but it cost the customer his teeth," he said.

Simmons pointed out that the statistical information presented in support of the FTC proposal to permit prescription price advertising may not be reliable.

"On what basis can Mr. Engman claim that the American public has been 'cheated' out of more than $200 million in prescription purchases? Is the patient who pays his physician $15 for an office call cheated because he pays more than clinic patients who get an entirely different type of service for far less money?"

Simmons said that the NARD believes that the FTC is transgressing by becoming involved in this prescription price issue.

"It seems likely that the 33 states which prohibit prescription drug advertising will not give up this protection to the consumer without extensive court battles which would prove quite costly to the taxpayer. Should the FTC prevail, there is no reason to believe that pharmacists will advertise prescription drug prices. But by permitting such advertising, the FTC will be aiding and abetting these corporate drug chains that believe prescriptions should be dispensed like groceries.

"But what will happen when an elderly or ill patient travels all the way across town to get an 'advertised special' at a chain prescription counter only to find that the drug is out of stock? Will the chain give the patient a rain-check? Suppose it's an after-hours emergency? Or the patient is physically unable to come in and has to have the prescription delivered?

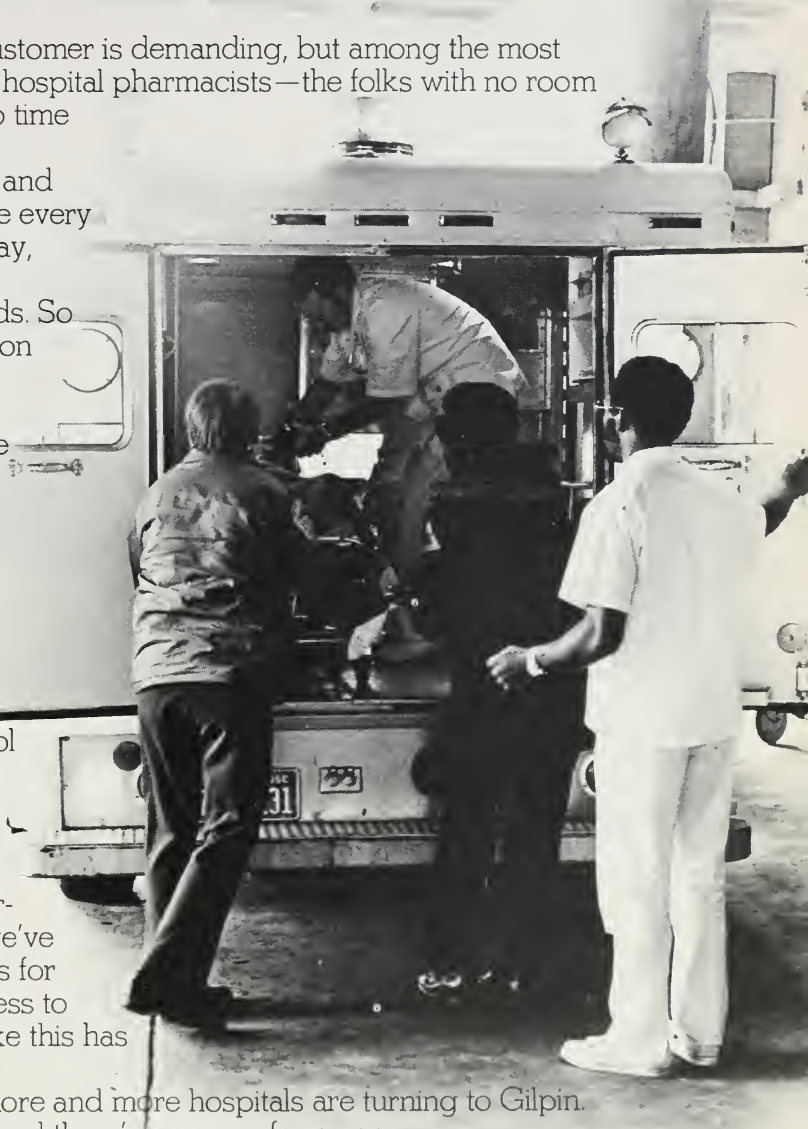
"Fortunately 70 per cent of all prescriptions filled today are filled by pharmacist-owned community drug stores. Consumers who trade at independent drug stores know that chain stores offer discount prices. Evidently, this overwhelming majority of American consumers recognizes that professional concern and extra services are worth what they pay.

"We regret that Mr. Engman has felt it necessary to seek public attention by unjustly accusing a group of ethical professionals of defrauding consumers. Actually the community pharmacist represents true protection for the consumer against bargain basement impersonal health care," Simmons said.

WE SERVICE THE PEOPLE WITH NO ROOM FOR ERROR AND NO TIME TO WAIT.

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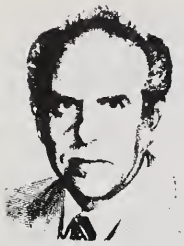


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CURRENT COMMENT
by Dr. Seymour M. Blaug, Dean
School of Pharmacy, University of North Carolina

DRUG PRODUCT SELECTION

As consumer groups and others continue to conduct studies relating to price differentials between brand name and generic drugs, we can look for increasing numbers of lawsuits directed against state antisubstitution laws. Officials of the Pharmaceutical Manufacturers Association predict that lobbying campaigns to nullify these laws will be launched in a number of states if and when HEW's MAC drug reimbursement program is implemented.

The Minnesota state legislature just unanimously passed drug product selection legislation. Similar legislation was passed in Michigan and Florida, and earlier this year it passed in Arkansas. Drug product selection legislation is now pending in California, New Mexico, Nevada, Vermont, Oregon, and Delaware.

Meanwhile, the National Research Council's Drug Research Board passed a resolution urging that practitioners be required to either grant pharmacists written permission to substitute or specifically deny pharmacists that right. Two states, Florida and Michigan, require physicians to specifically grant or deny substitution authority on the prescription form.

The New York State Pharmaceutical Society has proposed an amendment to a generic substitution bill previously introduced in the state legislature. The amendment clarifies the certification of "substitutable" drugs by proposing a formulary of "equivalent drug products."

The Michigan bill permits the pharmacist to have the final say as to which brand of a drug is to be dispensed, unless the physician specifically designates that the drug product is to be dispensed as written. However, the Attorney General of Michigan has already ruled that the *consumer* has to ask that the generic "equivalent" be dispensed. As the law has been interpreted by the Attorney General, the pharmacist is not exercising his right to dispense an "equivalent" product but is merely allowing the consumer to make the selection.

The new bill passed by the Minnesota legislature permits pharmacists to substitute generically "equivalent" drugs with the written or verbal *consent* of the *purchaser*. Under the terms of the Minnesota bill a pharmacist can also exercise product selection even when the prescriber writes "dispense as written" or "D.A.W." as long as the manufacturer of the specified drug product also manufactures a generic equivalent available under another brand name. Incidentally, the words, "dispense as written" or "D.A.W.", must be in the prescriber's own handwriting. Also, the new law states, "Any difference between the acquisition cost to the pharmacist of the drug dispensed and the brand name prescribed shall be passed on to the purchaser."

The Arkansas drug product selection law gives full drug product selection authority to the pharmacist except for drug entities *specifically excluded* by the State Health Department. Instead of a formulary system which specifies which drug products can be substituted, a "negative" formulary approach was followed.

In pending drug product legislation in Delaware, the representatives of the Delaware Pharmaceutical Society are recommending that the pharmacists of the state simply be granted open drug product selection authority with the State Secretary of Health directed to prepare a list of drug entities among which pharmacists would not be authorized to change sources of supply without prescriber authorization.

Aside from the still unanswered questions concerning bioequivalency and therapeutic equivalency of drug products, we must, as

pharmacists, question the drug product selection bills that have been enacted. Are these truly generic dispensing laws, allowing the *pharmacist* the right to make drug product selection decisions, or is the generic decision-making in the hands of the consumer? What effect, if any, will product selection have on pharmacy inventories? What legal responsibility does the pharmacist incur when he substitutes a drug product or suggests another brand to the patient? Will physicians still expect pharmacists to telephone, as in the past, to obtain the doctor's consent whenever substitution of a drug product is considered?

Many drug product selection bills state the following: "A pharmacist may not substitute a generically equivalent drug product unless in the pharmacist's professional judgement the substitute drug is therapeutically equivalent and interchangeable to the prescribed drug." Obviously, state drug product selection laws have modified this statement. Are we ready for a genuine product selection bill that gives the pharmacist the unqualified right to make drug product selection?

NCPhA/APhA STUDENT BRANCH OFFICERS AND REPRESENTATIVES PLAN PROGRAMS AND PROJECTS FOR SCHOOL YEAR

Officers of the Student Branch of the NCPhA/APhA and class and pharmacy organization representatives to the Branch met in Chapel Hill at the Institute of Pharmacy on June 14 to plan the Branch's program and project activities for the coming school year.

Present for the meeting were June Hall (president), Jane Hall (secretary), Linda Gail Wiggins (vice-president), George W. Brookins (treasurer), Martha Mayo (assistant to the president) and Jonnie Barbour (publicity).

Also John F. Watts, C. Keith Minter, Billy Burns, Diane Andrako, Stephen Bennett, Michael R. Teague, and Patsi Claytor.

NCPhA President Milton Whaley and Secretary W. J. Smith were present as guests.

The Branch hopes to surpass its previous years' membership record of 188 students thru an intensive recruitment campaign in early September. A number of special programs and project assignments were made by President Hall.

The Branch officers and representatives were guests of the NCPhA at a dinner prior to the business meeting.

POISON CONTROL CENTERS—NORTH CAROLINA

Information supplied by the National Clearinghouse for Poison Control Centers

STATE COORDINATOR (919) 684-8111	Duke University Medical Center Durham 27710
ASHEVILLE (704) 255-4660	Poison Control Center, Memorial Mission Hospital, 509 Biltmore Avenue 28801
CHARLOTTE (704) 334-6831	Poison Control Center, Mercy Hospital 2000 E. 5th St. 28204
DURHAM (919) 684-8111	Poison Control Center, Duke University Medical Center, Box 3007, 27710
GREENSBORO (919) 379-4109	Poison Control Center, Moses Cone Hospital, 1200 N. Elm St. 27401
HENDERSONVILLE (704) 693-6522	Poison Control Center, Margaret R. Pardee Hospital, Fleming St. 28739
HICKORY (704) 328-2191	Poison Control Center, Catawba Memorial Hosp., Fairgrove-Church Road 28601
JACKSONVILLE (919) 347-2141	Poison Control Center, Onslow Memorial Hospital, College St. 28540
WILMINGTON (919) 763-9021 Ext. 311	Poison Control Center, New Hanover Mem. Hosp., 2431 S. 17th St. 28401

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PHARMACISTS DEMAND FEDERAL PENALTIES FOR DRUG STORE CRIMES

E. Boyd Garrett, president, National Association of Retail Druggists (NARD), has demanded that crimes against drug stores be made federal offenses.

Speaking before the Idaho State Pharmaceutical Association, Garrett warned that independent pharmacies may have to drastically reduce their operations because local and state laws are not adequate deterrents to armed robbery of drug stores.

"Contrary to what most people think the risk of violent robbery for money and drugs isn't limited to retail pharmacies in the big cities. It happens in small towns as well as huge metropolises, affluent suburbs as well as the inner city. Any drug store that stays open late operates in a virtual state of siege. Almost everyone knows of pharmacists who have been victims of drug store crimes. Some druggists are closing their stores early and others have given up what is rapidly becoming one of the country's most hazardous occupations," Garrett said.

He said that NARD, during a three-month period, received 1,150 newspaper clippings on drug store crimes in 45 states.

"They came primarily from small city newspapers. Drug store robberies have become so commonplace in major metropolitan areas that they no longer get prominent treatment in the dailies. The implications are tragic for the people who are most dependent upon the corner drug store—the aged, the ill, and the poor, who will lose a vital health service if pharmacies are driven from their neighborhoods by unchecked crime. Most such drug stores are independently owned by pharmacists who cannot afford on-premises guards or other costly security measures," Garrett said.

"If kidnapping can be made a federal offense and successfully curtailed, why not drug store crime?" Garrett asked.

He also called for a federal ban on the mail order distribution of controlled substances, which can be diverted into illegal channels despite the vigilance of postal service employees.

Garrett revealed that NARD's efforts to enlist the support of the federal Drug Enforcement Agency for these measures have met an official opposition he "could not understand."

Referring to the recent resignation, under fire, the DEA head, John R. Bartels, Jr., Garrett said, "Possibly internal problems prevented the DEA from focusing on the drug store problem. NARD will press the case for federal drug crime laws vigorously with the agency's new administration and with the members of Congress."

Garrett's address to the Idaho Pharmaceutical Association foreshadows a NARD campaign to achieve a number of major national goals during the nation's Bicentennial.

In addition to advocating federal laws against drug store crime, NARD, representing independent pharmacists who fill 70 per cent of the nation's prescriptions, also is vigorously opposed to differential price fixing by some of the drug manufacturers and is supporting changes in the Department of Health, Education and Welfare's proposed system of compensating pharmacists for Medicaid prescriptions.

"These issues are basic to the continued existence in this country of the world's best system of pharmaceutical health care delivery," Garrett said.

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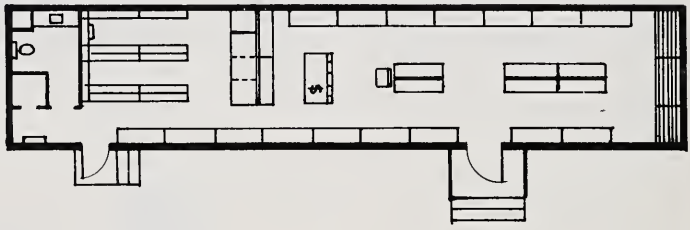
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The specially designed double-reinforced 12' x 60' unit has many standard features, including central air conditioning, furnace, fluorescent lighting, exterior wood siding, commercial-type glass door, and all interior Rx. Dept. and sales area fixtures and equipment. Optional features are also available, such as carpet and burglar alarm system.

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DISASTERS

Major and Minor

MEBANE

Mebane Drug Company—Pharmacist Delmar F. White has been indicted by a federal grand jury for having unaccountable shortage of 3,254 tablets of morphine sulfate and atropine and eight vials of Demerol.

CHARLOTTE

Shamrock Drugs, Inc., 3029 The Plaza.—Ninety-six watches valued at an estimated $2,000 were stolen from the pharmacy after two men threw a concrete block through a front window, grabbed two cases in which the watches were displayed, and fled on foot.

NEW BERN

People's Drug Store, Berne Square Shopping Center—A ringing burglar brought Craven County sheriff's deputies to the pharmacy where they captured two men who allegedly broke into the pharmacy.

NEWTON

Medical Village Pharmacy, Fairgrove Church Road. A large quantity of drugs taken in a breakin; entry was gained by breaking out a front section of glass.

CLEMMONS

Weatherwax Pharmacy—Robbers cut a hole in the pharmacy's roof to gain entrance to the pharmacy. Syringes and drugs valued at more than $700 were taken.

ROANOKE RAPIDS

Savage Drug Store—Drugs valued at $500 and one Timex watch taken in a breakin at the pharmacy. Same night, nearby Mast Drugs was entered and drugs and money taken. In both instances, entry was by way of rear doors.

CLEMMONS

Weatherwax Pharmacy—Two Thomasville men were detained at gun point by a Clemmons citizen until sheriff's deputies arrived and took them into custody for allegedly breaking into and robbing the Pharmacy.

Drugs, cameras, cigarettes and radios were taken by the two men and recovered by the deputies. The two men entered the pharmacy through the same hole that had been cut in the roof for a robbery two weeks earlier.



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Members–David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Medical Park Pharmacy, 708 A Fleming Street, Hendersonville. Sarah Jo Lohr Queen, pharmacist-manager.

2. J and S Apothecary LSP, P. O. Box 215 (Pisgah Manor), Candler. William R. Stokes, pharmacist-manager.

3. Revco Discount Drug Center, U. S. 411 South, Franklin. Daniel B. Clower, pharmacist-manager.

4. K Mart Pharmacy, 208 Owen Drive, Fayetteville. Richard B. Wilder, pharmacist-manager.

5. Kinston Clinic Pharmacy North, Doctors Drive, Kinston. Johnnie E. Sutton, pharmacist-manager.

6. Swansboro Drugs, Inc., Highway 24 West, Swansboro. India B. Hood, pharmacist-manager.

7. Eckerd Drugs, K Mart Plaza, Maple Avenue, Raymond E. Heath, pharmacist-manager.

CHANGE IN OWNERSHIP

1. Treasury City Pharmacy, 3611 Ramsey Street, Fayetteville. Russell D. Wright, pharmacist-manager.

2. Bennett's Drug Store, 472 Haywood Road, Asheville. William F. Horton, pharmacist-manager.

3. Sylva Pharmacy, Inc., 6 East Main Street, Sylva. James N. Zachary, pharmacist-manager.

RECIPROCITY

1. Charles Graham Overly, New Bern (From Pennsylvania)

2. James Rudolph Singletary, Jr., Asheville (from South Carolina)

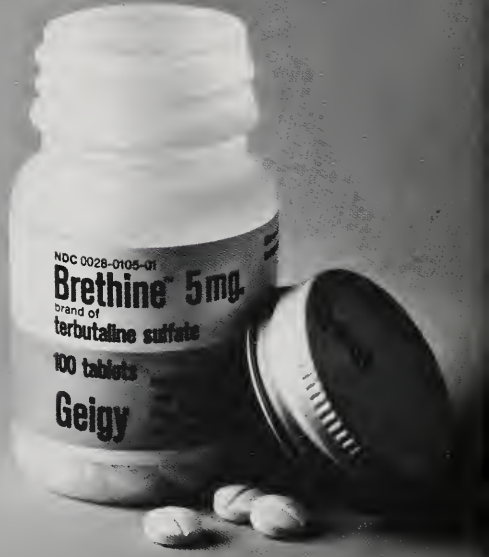


The President of the National Association of Retail Druggists, E. Boyd Garrett of Nashville, Tennessee (center) is pictured with W. H. Wilson of Raleigh (left) and Jesse M. Pike, Sr. of Concord.

New

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Tablets

SA 10915



TAR HEEL DIGEST

NORTH WILKESBORO

Construction on the new Red Cross Pharmacy building, located on D Street, has been completed. The pharmacist-owner is R. M. Brame Jr.

MOUNT AIRY

Robert G. (Bob) Smith has been appointed to the board of managers of Planters National Bank. Pharmacist Smith is president and owner of hospital Pharmacy and president of Johnson and Smith Corporation.

MADISON

For failing to pay withheld employee SS and income taxes, Pharmacist Emory M. Watson of Madison Drug Company was given a 12-months suspended sentence and placed on probation for four years. He was ordered to immediately pay $1100 and the balance of taxes due, about $1700, within 30 days.

WEST JEFFERSON

Mrs. Michael Badger, wife of Pharmacist James Michael Badger of Peoples Rexall Drug Store, was speaker for the graduating exercises at Alleghany High School. She has been an English teacher at Alleghany for more than three years and is a favorite among the students and teachers.

MORGANTON

Jack Dawson, Eckerd's vice president for pharmacy affairs, was a guest speaker at a recent meeting of the Christian Businessmen's Committee of Burke County.

KING

Pharmacist O. O. Grabs Jr. has been added to the board of directors of the Peoples Bank in King. A graduate of the UNC School of Pharmacy, Mr. Grabs is co-owner of Stokes Pharmacy.

CLINTON

William Paschall of Chapel Hill has accepted the position of chief pharmacist at Sampson County Memorial Hospital. For the past two years he has been a member of the N. C. Memorial Hospital staff.

ASHEVILLE

Pharmacist William F. Horton has been appointed a member of the Buncombe County Board of Health.

KINGS MOUNTAIN

Pharmacist Charles Blanton has been elected president of the Kings Mountain Lions Club for the coming year.

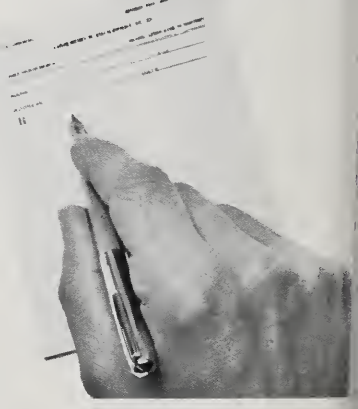
KERR AND BEN MERGE

Longview Pharmacy and Kerr's Ben Franklin Longview Store located in Raleigh's Longview Shopping Center have merged. The merged operation will continue as Kerr Discount Drugs.

H. S. "Pete" Barbrey, Jr. is manager of the new operation. Don Carter, formerly associated with Longview Pharmacy, is now a staff pharmacist with Melvin's Glenwood Pharmacy, Raleigh.



Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document:
(a) chemical equivalence; and
(b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or
(c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

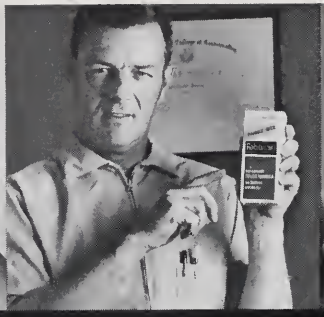
Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
Washington, D.C.
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P·M·A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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your partner in the good business of better health



We have made a preliminary settlement with the Federal Labor Investigator.

One conclusive principle can be drawn from this meeting: All our personnel who assist in any professional pharmaceutical services must be paid on an hourly basis. This includes every description or nomenclature which could conceivably be applied to these individuals. For example: student, intern, licensed intern, etc. Only "registered pharmacists" can be paid on a salaried basis.

I feel that as a result of this investigation, all pharmacists should be made aware of this interpretation by the Fdderal Government.

N. C. Pharmacist.

Dear W. J.:

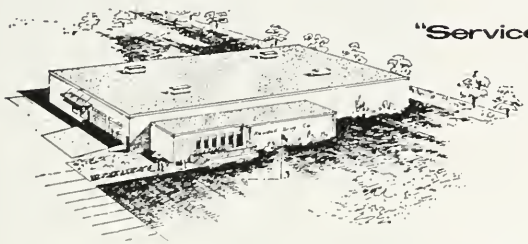
I had one break-in during 1974 that occurred on Christmas morning about 2:30 a.m. One burgular was caught in the store and his accomplice was captured several days later. Last Saturday night, February 15, 1975, we had another break-in and the burglar was caught in the store. Entry in the first burglary was gained by breaking glass in the back door; the second burglar came through an air vent in the roof. Three young men involved in these break-ins are now in the Fayetteville City jail awaiting trial.

We have incurred no loss of drugs, merchandise, or money from these break-ins. This security has been accomplished because of a very comprehensive burglar alarm system that I have continued to upgrade over the years I have been in business. Our system is a silent type with telephone dialing equipment that calls the police, my home, and the home of my secretary when the system is tripped. In our prescription department we have an ultrasonic device that sets off the system when someone enters the department. Each night all Schedule II drugs are locked in a safe in our storage room which is also hooked up to our alarm system.

In the 12 years at this location, I have suffered numerous break-ins. I have had an alarm system all these years but only in the last three years has this system been sophisticated enough to be really protective and be available at a price that is not prohibitive.

I would recommend that every drug store in North Carolina be protected by an alarm system.

W. G. Thames
Professional Drug Company of Fayetteville



"Service In Wholesale Quantities"

USE OUR TOLL FREE
NUMBER 800-222-3856
ANY TIME DAY OR NIGHT
ORDERS FILLED PROMPTLY

C. RUSH HAMRICK, JR.
President

GORDON G. HAMRICK
Vice President

KENDALL DRUG COMPANY
SHELBY, N.C.

NCPhA COMMITTEE ON CONSUMER AFFAIRS

W. WHITAKER MOOSE, CHAIRMAN

MEMBERS PRESENT: W. Whitaker Moose, Chairman, Mt. Pleasant; W. T. Boone, Ahoskie; William E. Vaughn, Chapel Hill; A. Rowland Strickland, Jr., Stantonsburg; A. H. Mebane, III, Greensboro.

MEMBERS NOT PRESENT: John C. Bullock, Jr., Wilmington; Steve Moore, Chapel Hill; Leslie M. Myers, Winston-Salem; Thomas F. Womble III, Tarboro.

The Consumer Affairs Committee met in joint session with the Community Pharmacy Committee, R. Ragan Harper, Jr., Chairman.

The organized consumer group is a relatively new phenomenon and yet the needs and desires of consumers through the ages are virtually no different now than in the past. The problem facing pharmacy is how to meet the needs of the consumer, preserve the integrity of the profession, and at the same time maintain a level of profit that will permit it to continue to function.

It is the opinion of the Consumer Affairs Committee that the profession of pharmacy and our consumers need not be at conflict. Rather, the profession and those we serve should be allies. We should strive to serve the consumer as we would like to be served ourselves. Greater effort should be generated to communicate with our consumers. In the end, we feel that those professionals who can best meet the needs and demands of the consumer will be most successful.

SHOP FOR PHARMACY SERVICE.

We feel that consumers should be advised to shop for the type of pharmacy service that they want and need more than just shopping for price alone. As professionals we should be ever mindful that consumers might need a quality of service they themselves might not realize (e.g. Patient Medication Records), and if the profession is to meet the total need of the community, we the profession will have to be more outspoken in focusing on these needs and making the consumer aware of his need for them. Pharmacy should be more active in pointing out to consumers and to our related health professions the unique contributions pharmacy continues to make to the total health care picture. Aside from the direct savings to consumers, pharmacy delivers in a free and competitive atmosphere. Many of North Carolina's pharmacists also contribute to lower health care costs by advising and counseling patients on which non-prescription items represent the best value, and on how to properly use their prescription medication, what food and/or other drugs including non-prescription drugs, should be avoided. The maintaining of adequate patient medication records to prevent overutilization, potential adverse drug interactions, overdoses, and drug allergies is of unquestioned value to the consumer. What price can be put on the avoidance of an overdose in a child or a potential drug interaction being prevented can only be estimated, but these savings are being made to the people of North Carolina by our pharmacists every day. Pharmacy hopes to continue to contribute to lower health care costs, but never to lower health care in North Carolina.

SECRECY IN PRICING INFORMATION

It is the opinion of the Consumer Affairs Committee that the consumer has the right to know what a prescription will cost before having it filled. After much discussion it is our opinion that the best way to receive accurate and meaningful price information is to ask the pharmacist. We oppose the concept of mandatory price posting on the grounds that we feel that it would be of questionable value to the consumer, and could be misused by some to create the illusion of lower prices while inflating prices on those non-posted items.

TELEPHONE REQUESTS FOR PRESCRIPTION PRICE INFORMATION

While there is a reluctance by many pharmacists to quote a prescription price over the telephone for fear that the consumer might not properly interpret the prescription and misunderstandings and confusion could develop, we feel that the pharmacist is trained to make decisions each day and that he should be able to determine if the consumer is reading the name, strength and quantity of his prescription properly. Therefore, it is the opinion of the Consumer

Affairs Committee that pharmacists should honor telephone requests for prescription price information when in the best judgment of the pharmacist this request comes from a legitimate consumer with a bona fide prescription.

PRICE VARIATIONS FROM PHARMACY TO PHARMACY

Each pharmacy should set as its standard a fair and equitable pricing system. Pharmacists and consumers alike should join efforts to end price discrimination by drug manufacturers since these price discriminations are ultimately born by the consumer.

Where should a consumer go with a complaint? It is the opinion of the Consumer Affairs Committee that our grievance committees should be re-vitalized. It may be advisable that the Public Relations Committee would choose to make some public statement informing the consuming public of recourse if a complaint with a pharmacy cannot be resolved directly between the pharmacy and the consumer. If our profession is to retain the respect history has granted us, we must continue to police our ranks for those who would tend to give all of the profession a bad name.

In conclusion we proudly point to our accomplishments in the consumer's interest:

(1) North Carolina was one of the first states (if not the first) to require the name of the pharmacist who filled the prescription on the label.

(2) Our pharmacists also supported a recent law in North Carolina to require the name of the drug on the label.

(3) Our pharmacists have been leaders in the use of safety closure prescription containers.

(4) The North Carolina Pharmaceutical Association has encouraged an open dialogue between the profession and consumer and consumer group leaders. Probably no other profession has encouraged such an open dialogue as has pharmacy in North Carolina.

(5) Committees have been established within the profession to hear consumer complaints and to transmit these positions to the profession.

(6) And probably most important, the North Carolina Pharmaceutical Association continues to strive for a profession that in the future will even better serve the people of North Carolina through seminars, continuing education and increasingly high standards of professional excellence.



PAOLONI PROMOTED

Claude U. Paoloni, formerly of Glenlyon, has been promoted from Assistant Professor to Associate Professor at the School of Pharmacy at UNC, Chapel Hill. Professor Paoloni is a member of the Pharmaceutics Division and is also Director of Continuing Education for the School.

Paoloni is a graduate of the Philadelphia College of Pharmacy and Science and has been with the UNC School of Pharmacy since 1967.

At a recent awards ceremony Paoloni was presented the Don Blanton Award for outstanding contributions to the advancement of pharmacy in North Carolina. The award was given by the North Carolina Pharmaceutical Association.

Professor Paoloni also serves as Secretary of the North Carolina Pharmacy Tripartite Committee (see report page 34) and has major responsibility in the development of the State's Area Health Education Centers.

Report of the Professional Relations Committee

MEMBERS OF COMMITTEE: C. Michael Whitehead, Chairman, Ramseur; Hugh C. Caldwell, Jr., Mooresville; Ida N. Keetsock, Durham; Henry A. Leigh, Cullowhee; Virginia Lee Lockamy, Raleigh; Carl L. Stringer, Franklin; Rodgers S. White, Lenoir.

The Professional Relations Committee is striving to continue the dialogue between the Pharmaceutical Association and members of the other professional associations, primarily the North Carolina Medical Society and the North Carolina Dental Society. Cooperation and understanding between the professional associations, we feel, has a great deal of room for improving. We have numerous areas of mutual concern.

In addition to the N. C. Pharmaceutical Association's responsibility to improve professional relations, this committee encourages each member of our association to work individually in their own communities to improve communications with their health professional friends. We should keep in mind that the ultimate goal of our cooperation is to improve the quality of health care.

The Professional Relations Committee has adopted "Guidelines For Prescribers" and "Guidelines for Pharmacists." The Committee will send copies of these guidelines to the North Carolina Medical Society and to the North Carolina Dental Society for dissemination to all of their members.

GUIDELINES FOR PRESCRIBERS

The following guidelines are recommended for prescribers when writing directions for drug use on their prescription orders.

1. The name and strength of the drug dispensed will be recorded on the prescription label by the pharmacist unless otherwise directed by the prescriber (new required by law).

2. Whenever possible, specific times of the day for drug administration should be indicated (for example, "Take one capsule at 8:00 a.m., 12:00 noon, and 8:00 p.m." is preferable to: "Take one capsule three times daily.").

3. The use of potentially confusing abbreviations, i.e., qid, qod, qd, etc., is discouraged.

4. Vague instructions such as "Take as necessary" or "Take as directed" which are to the patient are to be avoided.

5. If dosing at specific intervals around-the-clock is therapeutically important, this should specificially be stated on the prescription by indicating appropriate times for drug administration.

6. The symptom, indication, or the intended effect for which the drug is being used should be included in the instructions whenever possible. (For example, "Take one tablet at 8:00 a.m. and 8:00 p.m. for high blood pressure" or "Take one teaspoonful at 8:00 a.m., 11:00 a.m., 3:00 p.m., and 6:00 p.m. for cough").

7. The Metric System of weights and measures should be used.

8. The prescription order should indicate whether or not the prescription should be renewed and, if so, the number of times *and* the period of time such renewal is authorized. Statements such as "Refill prn" or "Refill ad lib" are discouraged.

9. A separate prescription blank should be used for each drug prescribed. Trademarked prescription blanks such as Litton's *Poly-Scription* which allow up to five prescriptions to be written on one blank are to be discouraged.

10. When institutional prescription blanks are used, the prescriber should print his/her name, telephone number, and DEA registration number on the prescription blank.

GUIDELINES FOR PHARMACISTS

1. Pharmacists should include the following information on the prescription label: name, address, and telephone of pharmacy; name of prescriber; name and strength of drug dispensed (unless otherwise directed by the prescriber); directions for use, prescription number; date on which prescription is dispensed, full name of patient and all other information required by law.

2. Instructions to the patient regarding directions for use of medication should be concise and precise, but readily understandable to the patient. Where the pharmacist feels that the prescription order does not meet these criteria, he should attempt to clarify the order with the prescriber in order to prevent confusion. Verbal reinforcement and/or clarification of instructions should be given to the patient by the pharmacist when appropriate.

3. For those dosage forms where confusion may develop as to how the medication is to be administered (for example, oral drops which may mistakenly be instilled in the ear or suppositories which may be mistakenly administered orally), the pharmacist should clearly indicate the intended route of administration on the prescription label.

4. The pharmacist should include an expiration date on the prescription label when appropriate.

5. When special storage conditions are required, the pharmacist should indicate appropriate instructions for storage on the prescription label.



IT'S A COLLECTION FOR SOMEONE WHO IS LEAVING — M.E. - ON MY VACATION!

REPORT OF INSTITUTE/ENDOWMENT FUND COMMITTEE

B. CADE BROOKS, CHAIRMAN

The Endowment Fund of the N. C. Pharmaceutical Association continues to make slow but steady progress.

Contributions specifically earmarked for the Fund during 1974 totaled $870.00. The year-end balance was $36,551.64 represented for the most part in building and loan association certificates.

It is interesting to note that contributions received during the first 90 days of 1975 almost equal the entire calendar year of 1974; hence, we anticipate better than usual progress this year.

Contributions to the Institute of Pharmacy increased significantly during 1974—the total was almost $4,000. The N. C. Mutual Wholesale Drug Company of Durham provided $1,480 to assist in remodeling the Institute and the Woman's Auxiliary contributed more than $1,000 for new equipment, primarily for the Institute kitchen.

This financial support was responsible for the addition of a sound system, mimeo scanner, stove and refrigerator, tape recorder, and file cabinet.

The Association's auditor places the value of the plant fund, which includes land, building and equipment, at $67,000. Obviously, this is a depreciated figure since the same assets are listed on the tax books at $200,000.

The Crafts Fair, a part of this convention, is evidence of the continuing support of the Woman's Auxiliary, which is a vital and much appreciated part of the Association's total operation.

Pharmacists familiar with national pharmacy generally, agree that the Institute of Pharmacy is unique in providing superior operational facilities for the NCPhA. We commend you for making this possible, and at the same time we solicit your continued support which will be essential in maintaining your home away from home in Chapel Hill.

PHARMACY'S TOPS IN GOLF

Len Phillipps (Owens-Illinois) has announced the winners in the Golf Tournament held while the annual meetings of the NCPhA and Affiliated Auxiliaries were in progress in Winston-Salem. They are:

1. Traveling Men's Auxiliary: Best—(low net)—Lamar "Bubba" Hammett—71. Worst—(high net)—Forrest Matthews and John Black (tied at 81).

2. N. C. Pharmaceutical Association: Best (low net)—Larry Thomas—72; and Worst (high net)—LeRoy Werley—81.

3. Woman's Auxiliary, NCPhA: Best (low net)—Mrs. Dot Knight—77; and worst (high net)—Mrs. Kenneth Edwards—81.

LOW GROSS:

1. TMA—Pete Mathews—79
2. NCPhA—Larry Thomas—78
3. Woman's Auxiliary—Jennie Johnson—100.

For coming closest to making a hole-in-one: Bill Brewer.



The golf chairmen, W. H. Andrews and Len Phillipps are pictured on the left with some of the tops in golf participants: Forrest Matthews, Bill Brewer, Jennie Johnson and Mrs. Kenneth Edwards.



OFFICERS OF THE TRAVELING MEN'S AUXILIARY, NCPhA, 1975-76—Left to right: L. M. McCombs, Roland G. Thomas, W. F. Elmore and Ray Black.—Photo by Colorcraft.

TRAVELING MEN'S AUXILIARY

OFFICERS

Ray Black, President
W. F. Elmore, 1st Vice-Pres.
Roland G. Thomas, 2nd Vice-Pres.
L. M. McCombs, Secy-Treas.
D. F. McGowan, Asst. Secy-Treas.

BOARD OF GOVERNORS

Canie B. Smith, 5 years
James R. Case, 4 years
Zack W. Lyon, 3 years
Ray McArtan, 2 years
C. Rush Hamrick, Jr., 1 year

TMA FOUNDATION

OFFICERS

C. Rush Hamrick, Jr., Chairman
W. P. Brewer, Secy-Treas.
L. M. McCombs, Asst. Secy-Treas.

EXECUTIVE COMMITTEE

Frank Fife
Tom Sanders
J. A. Wolfe

BOARD OF DIRECTORS

1 YEAR

C. Rush Hamrick, Jr.
L. M. McCombs
Reuben Russell
Tom Sanders

2 YEARS

John Alexander
Frank Fife
Zack Lyon
Ralph Rogers, Jr.

3 YEARS

W. P. Brewer
S. T. Forrest
J. A. Wolfe
W. H. Worley, Jr.

UNC PHARMACY SCHOOL NOTES

ROCKINGHAM COUNTY

UNC Pharmacy Dean Seymour M. Blaug and Claude U. Paoloni were guest speakers at the May meeting of the Rockingham County Society of Pharmacists.

Dean Blaug and Mr. Paoloni spoke on the changing curriculum at the UNC School of Pharmacy and how community pharmacists will help to upgrade the practical experience obtained by pharmacy students.

UNC SCHOOL OF PHARMACY GETS CANCER FOLKLORE REMEDIES GRANT

The American Cancer Society has awarded a grant of $80,492 to the School of Pharmacy to support a program entitled "Isolation and Mode of Action of Antitumor Agents." The principal investigator is Dr. Kwo-Hsiung Lee and the co-investigator is Dr. Iris Hall. The grant is effective from July 1, 1975 through June 30, 1977. The purpose of the research project is to isolate and determine the structure of the active antitumor principles of selected plant extracts which have been used in folklore remedies for cancer as well as those with reported biomedical properties. Such plant extracts have been found in Taiwan and elsewhere. The relationship between the structures of the active principles and their antitumor activity will also be investigated.

PHARMACY NEWS BRIEFS

PROMOTIONS

Dr. Candace Bryan, J. Heyward Hull, Division of Pharmacy Practice, and Dr. Richard J. Kowalsky, Division of Pharmaceutics, were promoted to Assistant Professor. LeRoy D. Werley and Claude U. Paoloni were promoted to Associate Professor.

* * * *

NEW STAFF MEMBERS

Dr. Jean P. Gagnon has been appointed Associate Professor in the Division of Pharmacy Administration, and Research Associate in the Health Services Research Center. Dr. Gagnon was formerly with the University of Iowa.

Dr. Timothy J. Sullivan has been appointed Assistant Professor, Division of Pharmaceutics. He completed a year of post-doctoral work in Biopharmaceutics at the Upjohn Center for Clinical Pharmacology, University of Michigan.

Dr. Charles Edwin Webb, Jr. and Dr. Bruce R. Canaday have been appointed Clinical Instructors in the Division of Pharmacy Practice. They joined the School's Area Health Education Centers Program in Asheville and Wilmington.

Dr. George Russell has been appointed Assistant Director of the Pharmacy Area Health Education Centers Program and Clinical Assistant Professor in the School of Pharmacy. He formerly was the Director of Education, APhA.

Dr. William J. Bicket was appointed Clinical Assistant Professor in the Division of Pharmacy Practice and Associate Director of Pharmacy Services, North Carolina Memorial Hospital.

GRANTS AND AWARDS

Dr. Larry Loeffler, Division of Medicinal Chemistry, received a supplemental grant of $19,295 from Sandoz Pharmaceuticals for the development of "Radioimmunoassays for Ergot Alkaloids." He also received a grant of $950 from the American Cancer Society to study "Amino Acid Vingl Cyanomethyl Esters Antitumor Agents."

Mr. Ben Williams and Wayne Pittman are co-investigators on a grant for $253,623 received by the Department of Epidemiology for a study entitled "Drug-Taking for Hypertension in a Rural Community."

Dr. Candace Bryan is a co-investigator on a grant for $151,642 received by the School of Public Health for the National Heart and Long Institute for a study titled "Hypertension: Family Strategies for Patient Adherence."

Dean Seymour M. Blaug is the principal investigator of a General Research Grant received from NIH in the amount of $28,186.

Dr. Kuo-Hsuing Lee received a 3 year grant for $75,101 from the National Cancer Institute for a study of "Plant Antitumor Agents."

Dr. Kuo-Hsuing Lee and Dr. Iris Hall received an $80,492 grant from the American Cancer Society to support a program entitled "Isolation and Mode of Action of Antitumor Agents."

Dr. Kuo-Hsuing Lee received a $29,796 renewal grant from the National Cancer Institute for a study of antitumor agents.

Dr. Claude Piantadosi received a renewal of the Medicinal Chemistry Training Grant in the amount of $14,933.

Dr. B. Wesley Hadzija was the recipient of a $1,000 Tanner Award given by the University for excellence in teaching. Dr. Hadzija is an Assistant Professor in the Division of Pharmaceutics.

FROM DRUGS TO YOGA!

Perhaps the most effective means of combating drug abuse today is developing positive alternatives to drug consumption. Though appearing in various formats, essentially the alternatives are any reasonable activities which make a person feel good, that do not involve chemical ingestion. At the request of drug personnel from other programs, the Drug Education Program at the School of Pharmacy sponsored a one day training session in the principles of yoga and meditation. A capacity crowd of personnel from drug programs, mental health centers, school districts and university students attended the session.

Though not a "pharmacy" program, the premise upon which the program was patterned (and is widely practiced in all areas of drug prevention work) certainly add credability to an ongoing effort by the Drug Education Program to keep abreast with new developments and provide appropriate training opportunities. Recognizing the fact that drugs will be a part of society, all but the overly cynical would see that this development of rational alternatives to drug consumption (such as yoga and meditation) can effectively be a means for many to avoid harmful effects of drug abuse. Rational drug use is what its all about and alternatives work to this end!

MOORE CONDUCTS CONFERENCE AT WESTERN CAROLINA CENTER

Steve Moore, Associate Director of the Drug Education Program at the UNC School of Pharmacy, conducted a half day staff development conference at Western Carolina Center in Morganton on June 11. Attended by personnel from twenty Center departments, the session dealt with enhancing communication abilities through such techniques as values clarification, transactional analysis, and group dynamics.

GREENSBORO AUXILIARY

Reported by Mrs. Roger C. Barricks

The Greensboro Drug Club Auxiliary met May 27, 1975 at the Quality Court Motel at 11:45 a.m. for lunch.

The devotional was given by Mrs. J. Frank Pickard. The hostesses were: Mrs. Katherine Whitely, Mrs. E. S. Setzer, and Mrs. Reid Sandford.

The minutes were read and approved. Mrs. W. S. Dukes presided in the installation of the new officers. Mrs. Michael Gigandet received the door prize.

WNC DRUG CLUB

Reported by Sandra Crouch

The Western North Carolina Drug Club enjoyed a lovely luncheon on the terrace of the Grove Park Inn, Asheville, on May 20.

Mrs. J. Weaver Kirkpatrick, the immediate past president of the Woman's Auxiliary of the NCPhA, installed the following officers:

President—Mrs. Tom Donnelly
Vice President—Mrs. David Milligan
Treasurer—Mrs. Harry Dover
Recorder and Corresponding Secretary—Mrs. Charles Beaman
Parliamentarian and Historian—Mrs. Lloyd Jarrett
Reporter—Mrs. John Moutney

Mr. and Mrs. Steve Koontz announce the birth of a son, Lee Alder, on May 14. The parents are both 1973 graduates of the UNC School of Pharmacy and are employed at Whaley Drug Company in Wallace. The maternal grandmother, Mrs. Jane Caudill, is also a pharmacist in Fuquay-Varina.

CURRICULUM CRISIS IN PHARMACY

LeRoy D. Werley, Jr.

Schools of pharmacy have long been criticized for their lack of sensitivity to the needs of "what's out there." There is the frequent accusation that those in the "ivory tower" are eminently qualified to provide the purely scientific training for future pharmacists but are unable to give students the "feel" of the day to day experiences that they will face in practice.

Recognizing these factors, the School of Pharmacy has recently taken some major steps toward curriculum evaluation and revision: (1) implementation of a new externship program to provide fifth-year pharmacy students the opportunity to develop their knowledge and skills in the applied practice of pharmacy, (2) the naming of two practitioner representatives through NCPhA cooperation, W. H. Wilson of Raleigh and L. Milton Whaley of Wallace, to the School of Pharmacy Curriculum Committee. With the appointment of these two respected practicing pharmacists, curriculum planning will take on a new dimension of cooperation between practitioners, faculty, students and administration.

Problems of Curriculum Development

The objective of any pharmacy curriculum is to provide an organized program of study to produce competent pharmacy graduates to meet the needs of the profession, consumers and other health professionals. In spite of this over-simplified description, developing a curriculum to accomplish this goal is difficult to attain. Compounding the situation is the fact that there is no clearly defined objective describing the role of the pharmacist as it relates to his educational background and the kind of pharmaceutical services he provides. In many instances pharmacy graduates find that the role for which they have studied either does not exist, is not accepted by other members of the health team or is unavailable to them. This situation exists, in large part, because of misunderstanding and lack of communication between practitioners and educators.

Curriculum changes are necessary to maintain professional competency in this modern health conscious civilization whose demand for more sophisticated professional services has revolutionized the practice of pharmacy. But the 73 schools of pharmacy in the United States have many factors which offer curricula that vary and are sometimes limited by: 1) geographic location of the school, 2) degree requirements of the parent university, 3) problems and issues native to the state, federal government and accrediting agencies, 4) nature and extent of the degree awarded (B.S., B.S. in Pharmacy, Bachelor of Pharmacy, Pharm.D., etc.), 5) faculty weaknesses or strengths (overemphasis). In addition, there are many programs available for obtaining a degree:

a) Undergraduate degree
 0-5 year program
 1-4 year program
 2-3 year program
b) Pharm.D. degree
 2-4 year program
 5-1 year program (B.S. at end of 5th year)
 5-2 year program (B.S. at end of 5th year)
c) Some schools have optional programs where a student decides in the fourth year to go one more year for B.S. or two more years for Pharm.D.

These programs may vary with internship and residency requirements or as dictated by the availability of clinical facilities and teaching practitioners.

It seems reasonable to expect that a pharmacy curriculum should provide an educational and practical program of study to prepare students to function effectively in: 1) a clinical setting (community or institutional), 2) pharmaceutical industry, 3) government agencies, 4) educational settings, 5) professional organizations and 6) any other setting requiring pharmaceutical expertise.

Curriculum vs. Ultimate Needs

In June 1974, Creighton University, School of Pharmacy received a special project grant to study curriculum assessment and revision to determine content as it relates to the needs of practicing pharmacists and allied health professionals. The results of this study indicate that it would be appropriate for schools of pharmacy to teach pharmacy students:

(a) how to communicate effectively with respect to proper usage of prescription and over-the-counter drugs;

(b) proper methods for obtaining drug histories;
(c) effective use of patient record systems for the benefit of the patient;
(d) skills related to pharmacy administration such as personnel management, computer applications, and involvement in prepaid prescription programs;
(e) the methodology of I.V. additive and unit dose programs;
(f) more about disease states, and the effects of these on the human body;
(g) more rational drug therapy;
(h) properties and actions of drugs in a more patient oriented fashion.

The results of this survey parallel the findings of Dichter in that educators have not responded to the needs of their consumers who are: 1) pharmacy students, 2) practicing pharmacists and 3) patients. Dichter concluded, "Patients expect and indeed want—professional attention and services, since the central issue is the patient's health, a matter of deep concern."*

Implications

The pharmaceutical system has failed to orient students in the direction of working with people effectively. For example, pharmacists after years of education, have not been taught how to counsel patients adequately. This may be true because pharmacy educators tend to isolate themselves from the real work of pharmacy. One solution to the problem would be to involve pharmacy faculty in current pharmacy practice situations. If pharmacy educators would undertake appropriate measures to maintain a level of competency, they might be able to better educate pharmacy students by being appropriate and credible role models for them.

The quality of a curriculum represents the actual state of being of the school. It relates the social interests, organizational values and scholarliness of its faculty.

Attempts to salvage a curriculum by superficial patching or imitations of excellence are almost always a failure. A curriculum must be rebuilt from the ground up, and the rational base for this is learning objectives. Reorganization of the entire school including the administration and faculty could help, theoretically, but is not really practical because of resistance and distaste for reorganization.

The College of Pharmacy and Pharmacal Sciences, Howard University, has been awarded a five-year special project grant to develop an innovative accelerated, competency-based curriculum leading to a B.S. in Pharmacy degree. In order to accomplish this goal, the systems approach to curriculum development is being utilized to determine subject matter areas, sequencing learning activities and time requirements for a comprehensive teaching program. The program includes total practice experience for licensure and involves a year round plan of instruction.

The American Association of Colleges of Pharmacy has selected the "Types of Pharmacy Personnel Required to Meet Society's Future Needs" as Issue X for the 1975 annual meeting. The various councils and sections will be charged to develop and discuss formal positions on Issue Z, *Accreditation*. The Y Issue, *Evaluation,* will be the subject of an educational information program in measuring a goal-directed effort.

The American Council of Pharmaceutical Education expects that "a curriculum be designed to include an externship and other clinical components that will lead to the degree of professional competence in students required for admission to the licensure examination." The Council also states, "There are presently two professional curriculums,—one is a baccalaureate degree curriculum leading to a B.A., B.S., B.S. in Pharmacy or Bachelor of Pharmacy and the other is a professional degree curriculum leading to a Doctor of Pharmacy (Pharm.D.) degree."

The Curriculum Committee of the UNC School of Pharmacy is concerned, and though recent changes have been made, will continue to review and revise its own program, and is prepared to make changes when necessary to insure that this school's program of study effectively meets the needs of the ultimate consumer.

*Communicating the Value of Comprehensive Pharmaceutical Services to the Consumer, The Dichter Institute for Motivational Research, Inc. American Pharmaceutical Association, Washington, D. C., 1973, p. 41.

NORTH CAROLINA PHARMACY TRIPARTITE COMMITTEE ON PHARMACY EXTERN/ INTERSHIP PROGRAM

MINUTES

Institute of Pharmacy
Chapel Hill, N. C.
May 19, 1975

Members present: Claytor, Caiola, Dawson, Edmonds, Paoloni (Secretary), Randall (Chairman), and Werley

Members absent: Day, Willets

Ex-Officio Members present: Blaug, Smith
Ex-Officio Members absent: McAllister

Guests present: Bischoff, Davis, Pittman, Russell and Anderson (Wayne State University)

Meeting was called to order by Chairman Randall at 7:10 p.m.

I. Acknowledgment of guests

Chairman Randall welcomed members and guests—special introduction of Bob Bischoff, Student Body President, 1975-76, and Robert J. Anderson, Pharm. D., Wayne State University School of Pharmacy visiting Chapel Hill on interview for *Pharmacist-in-AHEC* position.

II. Adoption of the minutes of February 17, 1975, meeting

After a cursory review of the minutes Chairman Randall asked if there were any questions or corrections. There being none, the minutes were adopted as having been distributed last month and so reviewed.

In accordance with *Item V* of minutes of February 17, 1975, copies of the revised *Practitioners-Educator (Preceptor) Survey Report*, *Community Pharmacy Survey Report* and *Hospital Pharmacy Survey Report* were distributed.

III. Program Instructions, May, 1975

The secretary reviewed the crash-like program of having put together, type, proof-read, compiled and printed the *Program Instructions*, as revised May, 1975, edition, to meet dead-lines. Plaudits to all who shared in its revision and development of the final form. Request was made of Bob Bischoff, Student Body President, to elicit comments, suggestions and corrections from students utilizing the *Program Instructions* this summer. It is hoped such feed-back from students can serve as a further guide to improving this work. Also, it was suggested that Steve Caiola, along with students and faculty members, would take the initiative to develop an appropriate answer sheet to the specific questions listed in the revised *Program Instructions*.

IV. Medication Assistant Program

The secretary reported that three hospitals in North Carolina have had their Medication Assistant program approved. These include: Pitt County Memorial Hospital, Greenville; Catawba Memorial Hospital, Hickory; and Duke University, Durham. Apparently many hospitals formerly in the program did not choose to participate this summer for various reasons. One reported an adequate nursing staff without need for Med. Assistant personnel; others, reported lack of funds with or without appropriate supervision for the conduct of the M. A. program. Before next summer it was suggested it may be advantageous to visit Nursing Directors and Pharmacists of hospitals formerly in the M. A. program to explain the new minimum requirements in an effort to facilitate compliance and participation.

V. Extern/Internship Program—Summer, 1975

Student placement service at the School of Pharmacy, under the direction of Leonard Berlow, reports there seems to be ample job opportunities for students wishing to serve an externship or internship. Problems now exists on how to notify students since most have left Chapel Hill. Bob Bischoff was asked to try to "spread the word" in the event there are some students who desire placement but have not found one.

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Wayne Pittman requested consideration be given to the feasibility of students receiving more than 400 hours credit in externship program of the School which documents more than 400 hours. He brought out the fact that in course 108L a student can earn 275 hours and in 92L a student can earn 250 hours. Discussion was deferred until next meeting.

VI. New business

Review of Dean Blaug's letter to the Board, dated May 15, 1975, concerning the growing of the theoretical part of the State Board Examination right after graduation. (Copy of letter filed with Secretary's minutes) Favorable discussion prevailed among members without too many opposing views. The exam would be limited solely to the theoretical exams with offer made of assistance to proctor this examination by faculty if approved.

VII. Next meeting

June 16, 1975, Institute of Pharmacy, 6:00 p.m. dinner; meeting 7:00 p.m.

Claude U. Paoloni, Secretary



DRUG TOPICS

I recently subscribed to your monthly price list changes which arrives sooner than the publication of Drug Topics.

I would like to have information as to how you arrive at the AWP prices? Do manufacturers send you the price changes, or how do you obtain them?

In the April 7 issue of Drug Topics I note, for example, there are a number of changes for Roche products, but you do not list an AWP. Why?

The reason I am interested in this information is by virtue of the fact that it is costing me money everyday. You see, in North Carolina, reimbursement of the Medicaid program is based on AWP (as listed in Drug Topics Redbook or its Supplements) for actual quantity dispensed plus a fee of $2.00.

For example, before the price change 100 Dalmane 30mg. capsules (Roche) was stated at the direct price of $5.10 and the AWP $..45. The price increased to $5.87 and no AWP is listed. Therefore, I now charge $5.87 + $2.00 fee rather than the former price of $6.45, a difference of $.58. And based on our previous price of $5.10 a difference of $.77.

You see, it does make a difference when the price increases the AWP must increase also.

I also notice that many times you do not get around to changing prices.

For example, Rucker Pharmaceutical Company increased their price in June 1974. As of yet their price increases have not been listed in the Redbook or its supplements. Why? For example, a pint of Suton cost me $3.95 from the wholesaler. It is listed in the Red Book at $2.95. When I dispense a pint of Suton on a Medicaid prescription I lose $1.00 of my fee.

Many items listed show a symbol NR for AWP. Why? Who determines it?

I am certain an explanation regarding all of these questions would be appreciated by all the druggist in North Carolina.

Perhaps you could publish a reply in your next issue. At any rate I will be expecting to hear from you.

R. H. Beason
Boiling Springs Drug Co.
Boiling Springs, N. C.

MARRIAGES

Simmons-Minton

Miss Sandra Jean Simmons of Goldsboro and Phillip Dee Minton of Chapel Hill were married May 24 in the garden of the bride's parents, Mr. & Mrs. David Stevenson Simmons of Goldsboro.

The bridegroom, a native of Lincolnton, is a graduate student in Industrial Pharmacy.

BIRTHS

Mr. and Mrs. David Bumgardner (Martha Catoe) are the parents of twins born March 6. Martha Melissa weighed 6 lbs. 7 oz.; David Ashley weighed 5 lbs. 9 oz. The Bumgardners have another son, Richard Catoe, who is 3½ years old. They are living at 7063 Lakeland Drive, Charlotte.

DEATHS

C. E. Ingle

C. E. Ingle, Asheville pharmacist, born February 16, 1910, died June 4, 1975.

Licensed as a pharmacist in 1939, Mr. Ingle managed Bilbro's Ideal Drug Store in West Asheville for a number of years. He purchased the Weaverville Drug Store, Weaverville, in 1953 and later, due to ill health, retired from the active practice of pharmacy.

The late Jim Harrison, writing in the Friday Night Elixir, had this to say about Mr. Ingle: "He has five predominate interests—church, home, business, Masonry and flowers—probably in that order. When that is said about a man and it is known that he lives by the principles he embraces, it can be said that he is a credit to his community and the profession of which he is a part."



June 3 was officer-installation night for the Wake County Pharmaceutical Association. NCPhA President Milton Whaley installed the officers pictured below.

President Whaley is pictured with Don Carter (center) who was named "Pharmacist of the Year" by members of the Wake County Association. An inscribed plaque was presented to Mr. Carter by NCPhA Secretary W. J. Smith (left).

The Wake County Pharmaceutical Association, with a paid membership of 117, is one of the largest local pharmaceutical organizations in the state. Photo by Colorcraft.



OFFICERS OF THE WAKE COUNTY PHARMACEUTICAL ASSOCIATION 1975-'76—Left to right: Roger Crane, George Morgan, John Smith, Pam Joyner, Don Carter (immediate past president), Joey Edwards (president) and Elaine Watson.—Photo by Colorcraft.

The NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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HORACE THE MULE—A SAD TALE

(We are fairly confident Chemical Abstracts or the Scientific Quarterly will not abstract this copy but since a number of Journal readers have requested light reading for a hot summer day, here is the "Sad Tale of Horace the Mule" to counterbalance some of our customary pharmaceutical presentations)

Mrs. George Wood, now deceased, of Chowan County had a mule named Horace. One evening she called up Dr. Satterfield in Edenton and said to him, "Doctor, Horace is sick, and I wish you would come and take a look at him." Dr. Satterfield said, "Oh, Fannie Lamb, it's after 6 o'clock, and I'm eating supper. Give him a dose of mineral oil, and if he isn't all right in the morning, phone me, and I'll come and take a look at him." "How'll I give it to him?" she inquired. "Through a funnel." "But he might bite me," she protested. "Oh, Fannie Lamb—You're a farm woman and you know about these things. Give it to him through the other end."

So Fannie Lamb went out to the barn, and there stood Horace, with his head held down, and moaning and groaning. She looked around for a funnel but the nearest thing she could see to one was her Uncle Bill's fox hunting horn hanging on the wall. A beautiful gold-plated instrument with gold tassels hanging from it. She took the horn and affixed it properly. Horace paid no attention. Then she reached up on the shelf where medicines for the farm animals were kept. But instead of picking up the mineral oil, she picked up a bottle of turpentine and poured a liberal dose of it into the horn. Horace raised his head with a sudden jerk. He let out a yell that could have been heard a mile away. He reared up on his hind legs, brought his front legs down, knocked out the side of the barn, jumped a five-foot fence, and started down the road at a mad gallop. Now Horace was in pain, so every few jumps he made, that horn would blow. All the dogs in the neighborhood knew that when that horn was blowing, it meant that Uncle Bill was going fox hunting. So out on the highway they went, close behind Horace.

It was a marvelous sight. First, Horace—running at top speed, the hunting horn in a most unusual position, the mellow notes issuing therefrom, the tassels waving and the dogs barking joyously. They passed by the home of Old Man Harvey Hogan, who was sitting on his front porch. He hadn't drawn a sober breath in 15 years, and he gazed in fascinated amazement at the sight that unfolded before his eyes. He couldn't believe what he was seeing. Incidentally, he is now head man in Alcoholics Anonymous in the Albemarle section of the state.

By this time, it was good and dark. Horace and the dogs were approaching the Inland Waterway. The bridge tender heard the horn blowing and figured that a boat was approaching. So he hurriedly went out and uncranked the bridge. Horace went overboard and was drowned. The dogs also went into the water, but they swam out without very much difficulty.

Now it so happened that the bridge tender

Cont. on P. 40

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

HORACE, CONT.

was running for the office of sheriff of Chowan County, but he managed to poll only seven votes. The people figured that any man who didn't know the difference between a mule with a horn up his rear and a boat coming down the Inland Waterway, wasn't fit to hold any public office in Chowan County.

CLASSIFIED ADVERTISING

Classified advertising (single issue insertion) 10 cents a word with a minimum charge of $3.00 per insertion. Payment to accompany order.

Names and addresses will be published unless a box number is requested.

In replying to "blind" ads, address Ad. No. _____, Carolina Journal of Pharmacy, P.O. Box 151, Chapel Hill, N. C. 27514.

VIRGIN ISLANDS ANYONE?

Interested in a pharmacy position in the Virgin Islands?

Write:
Mr. Luther E. Bunch
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Saint Thomas, U.S.V.I. 00801
listing educational background, pharmacy experience and other essential information.

Pharmacist Bunch formerly operated a pharmacy at Carolina Beach. He visited the Institute of Pharmacy, Chapel Hill, in mid-June.

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Call: Glenn McLeroy, 204 Finley Road, Chapel Hill, N. C. 27514 (919) 968-9118 or (704) 392-4975 (Charlotte listing).

FOR SALE

Four (4) drawer NCR with charge plate on the side. Paid $775 and want somewhere in that neighborhood. Owned since November 1974. Reason for selling: Smaller register needed. Byron Johnson, Community Drugs, 608 Tilghman Drive, Dunn, N. C. 28334

USED FIXTURES FOR SALE:

2 glass show cases 6'; 6 Hallmark card racks; 2 gondolas and 1 rack with glass shelves. Buie Pharmacy, College Village, Winston-Salem, N. C. 27104.

NEW LILLY CONTINUING EDUCATION COURSE FOR PHARMACISTS: CARDIOVASCULAR DISEASES

A new pharmacy continuing education course entitled "Cardiovascular Diseases" is now available to pharmacists at no charge from Eli Lilly and Company. Designed for individual study, the course and self-evaluation exam require approximately eight hours for completion. The unit has been submitted for accreditation review to Boards of Pharmacy in those states which require continuing education for relicensure.

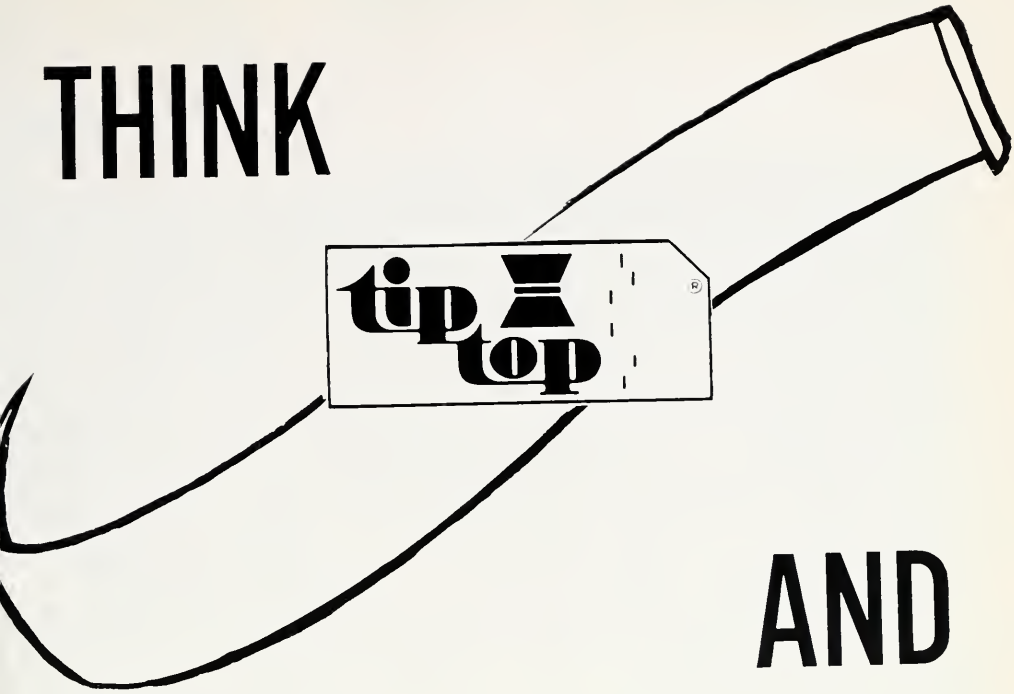
Lilly also offers four other courses and presentations as part of their "Lilly Resources for Continuing Education in Pharmacy" program. Included are a self-study unit on "Infectious Diseases" which requires four hours for completion and one entitled "The Lilly Pharmacy Management Series" which can be finished in five hours. Also, two audiovisual presentations suitable for group use: a 16-mm film "The Treatment of Acute Drug Overdose" and a 35-mm slide-cassette tape set "Infections of the Urinary Tract."

These four programs have been approved for pharmacy continuing education credit in most states with mandatory continuing education. Lilly has recorded more than 25,000 participations in these four programs to date.

A self-evaluation exam is provided for each participant. When returned to Indianapolis, this exam serves as the basis for awarding a certificate of completion. When either audiovisual presentation is requested, additional handout material is provided to summarize its contents.

Requests for these continuing education programs should be sent to ELI LILLY AND COMPANY, ATTN: PROFESSIONAL RELATIONS DEPT. MC-925, INDIANAPOLIS, INDIANA 46206. Requests for audiovisual presentations should include three choices of showing dates and the number of persons expected to attend.

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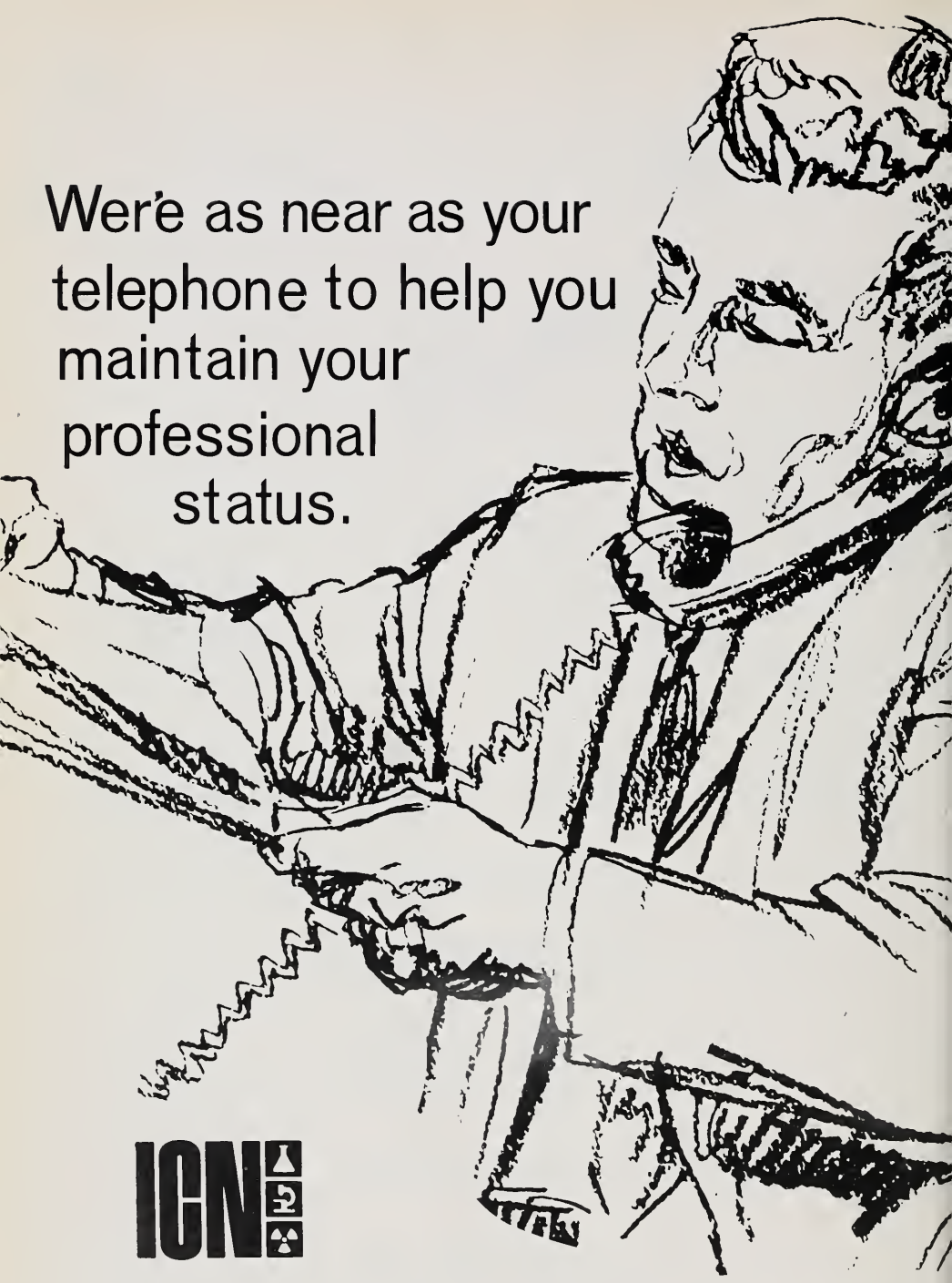
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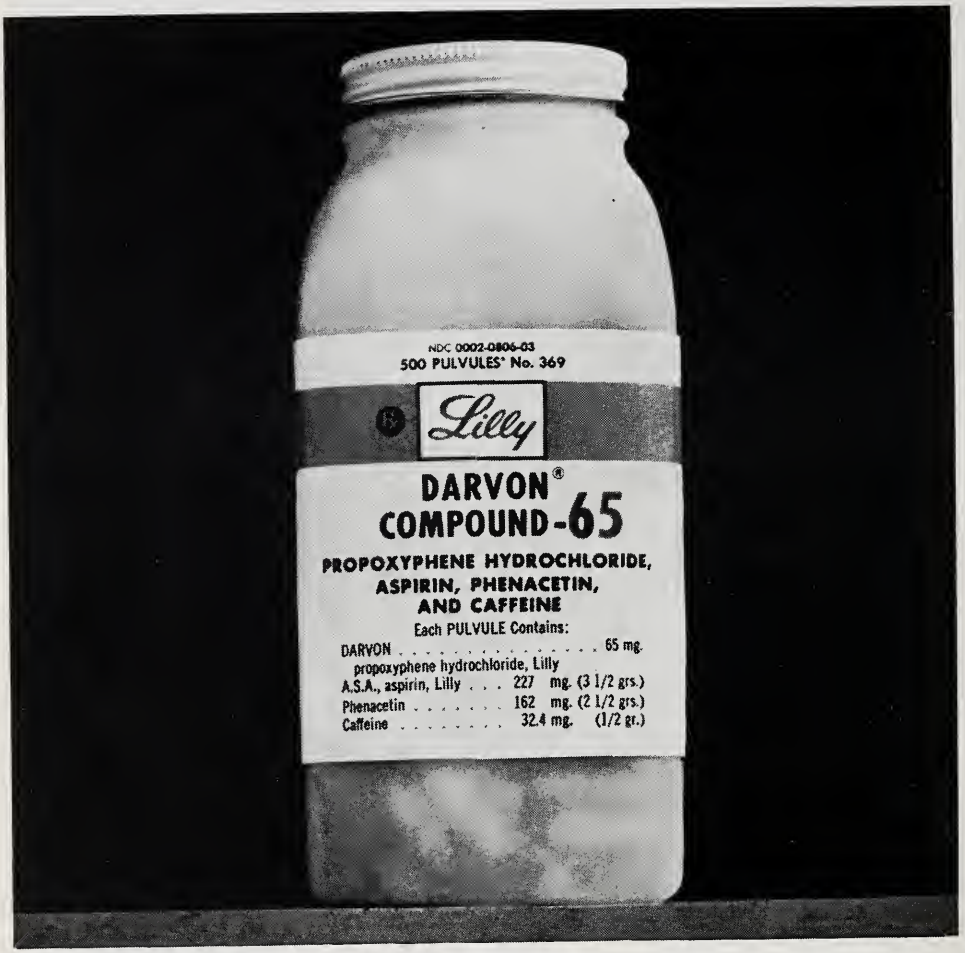
Joe Miller (left) of Boone, an officer-elect of the North Carolina Pharmaceutical Association, is shown inducting Roy Smith of Newland into the North Carolina Academy of Pharmacy.

Mr. Smith, pharmacist owner/manager of the Newland Pharmacy, is a rescue squad pilot who works closely with the Civil Air Patrol. He is a licensed North Carolina Emergency Medical Technician.

Purpose of The Academy is to encourage and recognize civic, cultural, professional and religious activities of NCPhA members beyond the usual day-to-day practice of Pharmacy.

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The Carolina JOURNAL OF PHARMACY

August, 1975

Vol. LV No. 8

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The Carolina Journal of Pharmacy is published monthly by the N. C. Pharmaceutical Association, Box 151, Chapel Hill, N. C. Subscription rate: $3.00 a year; single copy, 25 cents. Second class postage paid at Chapel Hill, North Carolina 27514.

CHALLENGE EXAM PARTICIPANTS OUT-SCORE RECENT GRADUATES IN SOME AREAS

Forty-seven pharmacists participated in the "challenge exam project" given by the N. C. Board of Pharmacy in June.

According to H. C. McAllister, Secretary-Treasurer of the Board, "on the average, the 47 exam participants out-scored the recent graduates in all areas except the rather highly technical math and jurisprudence sections."

Participants came from graduating classes of the 30s (1), 40s (6), 50s (15), 60s (15) and 70s (11).

A majority of the particihants were associated with community pharmacy (31), chain (7), hospital (5) and other/retired (3).

The exam results (that a ten or twenty year pharmacy graduate can out-score recent graduates in certain areas) is under study and review by the Board of Pharmacy, the School of Pharmacy and others.

RAMSEY MANUFACTURING CORPORATION IS CELEBRATING

John Ramsey, President of Ramsey Manufacturing Corporation, announces his company is celebrating its 30th Anniversary, 1945-1975. They want to thank all of their customers throughout the state for making it possible by their support over the years in making this anniversary possible.

CARROLL PRICING SERVICE (A time/money saver)

A North Carolina pharmacist—Jim Carroll of Fayetteville—has inaugurated a AWP drug pricing service (Carroll Pricing Service) which will be a time and money saver for many pharmacists.

Every two weeks subscribers to the Carroll Pricing Service receive an alphabetized updated list of the top 700 Rx drugs together with the most recent AWP. The service is particularly helpful in processing Medicaid and other third party pay prescriptions and could serve as a check against price increases which may have been missed from the invoice.

One element of the service is that the 700 drugs are drugs currently being prescribed in North Carolina, hence the list will relate to the average North Carolina pharmacy operation.

Cost of the service is $30.00 for six months or $60.00 for twelve months. Mail check (or request a sample copy) to: Jim Carroll, R.Ph., 3006 Cliffdale Road, Fayetteville, North Carolina 28303.

LEN PHILLIPPS ELECTED

The newly elected president of the Drug, Chemical and Allied Fields Association is Leonard G. Phillipps, Jr. of Atlanta.

Mr. Phillipps is sales supervisor with Owens-Illinois and has many friends in North Carolina. At NCPhA convention time, he is closely associated with the golf tournaments which in recent years have been major convention events.

RAMSEY MANUFACTURING CORPORATION MOVES THEIR OFFICES

Ramsey Manufacturing Corporation has moved its offices to Suite 103, Cameron-Brown Building, Charlotte, North Carolina. Ramsey is the distributor for Columbus Drug Store Fixtures.

DON CHAPMAN APPOINTED CHIEF PHARMACIST AT SCOTLAND MEMORIAL HOSPITAL

Donald K. Chapman has been appointed chief pharmacist at Scotland Memorial Hospital, Laurinburg, effective June 23.

Pharmacist Chapman served about 18 years as pharmacist at North Carolina Baptist Hospital, Winston-Salem. For 11 of those years he was assistant chief pharmacist and the last five years, chief pharmacist.

He is a graduate of the UNC School of Pharmacy and has been active in organized pharmacy, serving as president of the N. C. Society of Hospital Pharmacists (1967-68), president of the Forsyth County Pharmaceutical Society (1968), NCPhA Executive Committee (1973) and NCPhA Convention Chairman (1975).

The Chapmans have four children. Mrs. Chapman is a former president of the Woman's Auxiliary of the NCPhA.

OFFICERS-ELECT (1976-77) OF THE NCPhA

Officers-Elect (1976-77) of the North Carolina Pharmaceutical Association are:

First Vice-President: Eugene W. Hackney of Lumberton

Second Vice-President: Herman W. Lynch of Dunn

Third Vice-President: Joseph C. Miller of Boone

Members of the Executive Committee, 1 year term:

Rex A. Paramore of Nashville
Donald V. Peterson of Durham
Marshall Sasser of Smithfield

Harold V. Day of Spruce Pine will be recommended to the Governor of North Carolina for appointment to the North Carolina Board of Pharmacy, 5 year term beginning April 28, 1976.

Four directors of the North Carolina Pharmaceutical Research Foundation were elected for three year terms:

C. D. Blanton, Jr. of Kings Mountain
B. Cade Brooks of Fayetteville
Robert B. Hall of Mocksville
Hoy A. Moose of Mount Pleasant

The mandatory continuing education proposal (15 hours annually as prerequisite for renewal of pharmacist license) was rejected by a majority of the voters. The percentage was:

Favor—40%
Oppose—60%

More than 750 ballots were opened, reviewed and tallied by the NCPhA Elections Committee on June 18: Linda Butler, Chairman; Lloyd M. Senter, Haywood Jones and Steve Moore.

The NCPhA officers-elect will be installed in Wilmington on April 13, 1976.

UPCOMING—SEMINARS ON DELIVERY OF PHARMACEUTICAL SERVICES IN LONG-TERM CARE FACILITIES

Announcement has been made of four 1-day seminars (Update: A Review of Current Requirement for Pharmaceutical Services in Long-Term Care Facilities) at the following locations:

Asheville—August 19
Charlotte—August 21
Rocky Mount—August 26
Lumberton—August 28

Registration details from: School of Pharmacy, UNC, Continuing Education, Chapel Hill, N. C. 27514 or J. W. Bradley, III, P. O. Box 12200, Raleigh, North Carolina 27605.

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FTC PROPOSAL THREAT TO PROFESSIONAL PRACTICE

His Excellency Gov. James E. Holshouser, Jr.
Administration Building
116 West Jones Street
Raleigh, North Carolina 27611

Dear Sir:

Enclosed is a copy of a letter which this office received from the Federal Trade Commission to which was attached a staff report dealing with its inquiry into the matter of the advertising of prescription drug prices. It is stated that this report will serve as a base to support a regulation by the Federal Trade Commission to preempt any state laws and regulations dealing with this subject. It is noted that a copy of this report has been sent to your office. As you will note, the staff report is highly prejudicial. It appears none of the opposing views registered with the staff were included in the report.

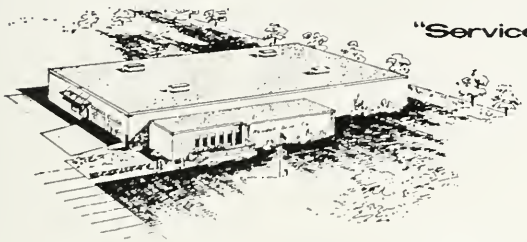
While there are no laws or other regulatory restraints on the advertising of prescription drugs in North Carolina, I am very much concerned that the encouragement of such advertisement will have an adverse effect on public health since advertising is in and of itself promotional. The Board of Pharmacy believes that prescription drugs should not be promoted to the public but that a given individual should have no more drugs than would be appropriate for his needs. Older persons are particularly susceptible to such advertising and just naturally tend to overmedicate themselves. (It is interesting to note that although prescription drugs are not advertised in our state, the average charge for these drugs in North Carolina is among the lowest in the United States.)

I am even more concerned with the implications of the proposed regulations wherein a federal agency can, by regulation, preempt or invalidate laws that have been enacted by our Legislature. I feel that we have already seen too much federal impingement in the conduct of our local affairs by the withholding or threat to withhold federal funds. The proposed regulation by the Federal Trade Commission carries this preemption a step further.

While this proposal is promoted under the guise of the regulation of commerce, in my judgment it constitutes a serious basic threat to professional practice and privilege of all health care providers. I would hope, therefore, that if you share this view you would oppose the promulgation of the regulations on principle.

Respectfully yours,
N. C. BOARD OF PHARMACY

H. C. McAllister
Secretary-Treasurer



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SHELBY, N.C.

PHARMACISTS' LIABILITY IN PRODUCT SELECTION SUBJECT OF NEW LILLY CONTINUING EDUCATION PROGRAM

Potential liability in product selection is the subject of a new continuing education presentation for pharmacists, the sixth in a series made available at no charge by Eli Lilly and Company. The program consists of a 60-minute audio cassette tape, a syllabus, and a self-evaluation exam. The tape features a commentary by one of the best-known legal authorities on drug products liability, Sidney H. Willig, Professor of Health Science Law and Director of the Drug Law Unit at Temple University. The program is suitable for both group and individual use. It has been submitted for accreditation review to Boards of Pharmacy in those states which require continuing education for relicensure.

In announcing the new presentation, Lilly commented that the pharmacist's liability in product substitution or selection has become a topic of much discussion since he is now permitted, in some states and under certain conditions, to dispense a brand of product other than the one prescribed and, whenever the prescription is written generically, of course may select the brand to be used. The company indicated that the purpose of the new program is not to provide legal counsel but to increase the pharmacist's awareness, in general terms, of possible problems in this area and to help him in seeking advice from his own legal counsel if problems arise.

Requests for loan of this presentation should be sent to ELI LILLY AND COMPANY, ATTN: PROFESSIONAL RELATIONS DEPT. MC-295, INDIANAPOLIS, INDIANA 46206. Requests for group use should include these choices of dates and the number of persons expected to attend.

ASHEVILLE LANDMARK (SALLEY'S) CLOSES

Another Asheville landmark gave way to changing times when Salley's Drug Store, 85 Patton Avenue, closed its doors for the last time after 46 years of business at the same location.

The inventory and prescription files of Salley's Drug Store have been purchased by Eckerd's Drug Stores effective June 28.

A joint announcement of the transaction was made by George F. Bryan, vice-president and division manager of Eckerd's, and W. Moss Salley Jr., president of Salley's.

Salley, who has operated the store since the death of his father, W. Moss Salley, Sr. in 1966, will be associated with Eckerd's as a pharmacist at the firm's Skyland store.

Discussing the closing of the store, Salley said he views it with mixed emotions.

"I grew up in the drug store, established by my father in 1929," he said, "and Asheville has been good to us.

"In almost 50 years of operation we have filled over a million prescriptions, which amounts to about 20 for every man, woman and child in greater Asheville. And that's a lot of pills."

From the beginning Salley's had delivery service and charge accounts. And at one time there were four locations. Salley's was the first drug store on Tunnel Road, opening in 1958. In a short time there were four drug stores on Tunnel Road. "And they were getting ready to tear the building down, so we closed," Salley said.

There was another in South Forest and a prescription shop in Doctors Park, but changing times took these too.

The store at 85 Patton Avenue was the "parent" store, and busines was carried on there until now.

At one time it had a fountain, now operated under another management, and Salley said he still has some of the wire-backed chairs at his home.

"Ladies used to drop in, dressed in their best, and drink sodas in the afternoon . . . but that was another day."

Salley said he was pleased to join the Eckerd's organization and to have the opportunity to close out his own business while it was still solvent.

AMA DUES UPPED TO $250

Due to major financial problems, the American Medical Association annual dues is being upped from $140 to $250. Since 1970, the AMA operation deficit amounted to about $9 million.

SOME OF OUR FOLKS ARE ALWAYS LOOKING FOR TROUBLE.

And most of the time they find it on the other end of a phone call. Calls from concerned pharmacists just like yourself.

Each one a different question about correct usage, dosage and proper application of pharmaceuticals. And each one could lead to trouble without the correct answers right then and there.

Our men have had dozens of years experience in troubleshooting your questions. They're not a bunch of whiz kids, so, sometimes they may not know the answer. But when they don't, they'll do their best to find out and call you back right away.



It's part of the complete service package offered by Gilpin.

When trouble calls on you, the Gilpin troubleshooters are as close as your phone.

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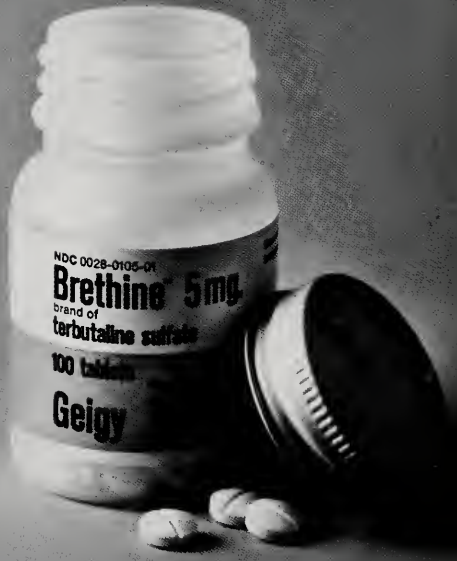
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TAR HEEL DIGEST

WEST JEFFERSON

J. Michael Badger, a 1970 graduate of the UNC School of Pharmacy, has been re-elected treasurer of the Ashe County Chamber of Commerce.

CHERRYVILLE

Rory Blake, a 1975 graduate of the UNC School of Pharmacy, has accepted a position with Medical Center Pharmacy.

BURLINGTON

Leonard Matthews has joined Barbour Drugs as a member of the firm's pharmacist staff.

TAYLORSVILLE

Phil Icard has joined the staff of the Northwestern Drug Company with employment responsibilities at Town & Country Drugs, People's Drug Store and the Alexander County Hospital Pharmacy.

DUNN

J. I. Thomas has been elected chairman of the Dunn Planning Board and his son, Larry, serves as chairman of the Board of Elections (board supervises all elections in Dunn).

MOCKSVILLE

Pharmacist Robert Rauch has joined Bill Foster as a partner in the operation of Foster Drug Company. He was formerly associated with Wilkins Drug Company, Mocksville.

KANNAPOLIS

Revco opened its 83rd store at 2215 North Cannon Blvd. on June 27. Joel L. Hager is the pharmacist manager, assisted by Pharmacist Peggy B. Chandler.

ASHEVILLE

Joseph G. King, a past president of the American College of Apothecaries, was guest speaker at the June 29 meeting of the Buncombe County Pharmaceutical Society.

WAYNESVILLE

Pharmacist Thomas E. Curtis has been named to the board of directors of the Waynesville Branch of the Western Carolina Bank & Trust Company.

Reaco

A. E. P. Tablets $22.50 per 1000
$30.00 Doz. 100s

Pyridoxine HCl (B6) 25 mg. Tablets
$1.20 per 100

Pyridoxine HCl (B6) 50 mg. Tablets
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Reavita Capsules $24.00 Doz. 100s
$18.75 per 1000

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We have the answer to your needs with our:

CONSULTATION—We will work with you from rough ideas through a finished plan—we will carefully analyze your operational needs and potential, and recommend practical solutions.

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CHARLOTTE, NORTH CAROLINA 28204

Telephone (704) 334-3457

DISASTERS

Major and Minor

WILMINGTON

Joe's Drugs, 5628 Market Street—$1700 loss on July 8. After throwing a cinder block through the front door, unknown parties made off with drugs and merchandise. Later, the unwanted drugs taken in the robbery were found discarded near Carolina Beach.

DUNN

Butler and Carroll Drug Company—After breaking out a panel of glass in the front door, a night visitor to the pharmacy reduced the pharmacy's Valium inventory by $200.00.

CANDOR

B&B Drug Store—Some sort of breaking and entering record may be underway at this pharmacy. It has been hit by thieves, twice in December and four times this year. The latest entry was by way of an air conditioning ventilator on the roof.

CHARLOTTE

Spoon's Pharmacy, Hickory Grove Road —Two armed men stole money and drugs from the pharmacy after taping the arms and legs of three employees and three customers. The two men forced Pharmacist James M. Spoon to fill a box with drugs.

WARRENTON

Two pharmacies—Hunter Drug Company and Boyce Drug Company—were broken into over the June 15 weekend and drugs and cash totaling more than $1000 were taken.

HENDERSON

Henderson Drug Company, Dabney Drive. Small amount of cash but no drugs taken in a mid-June robbery of the pharmacy.

NEW BERN

People's Drug Store, Bern Square Shopping Center. Merchandise taken in a June 16 robbery of the pharmacy.

HIGH POINT

McLarty Drugs, Church Avenue. Two High Point men were given prison terms (one 5/7 years and the other, 8/12 years) after being convicted of an armed robbery of the pharmacy on March 5.

LILLINGTON

Powell Drugs. A Durham man is in jail in Lillington after allegedly having a pharmacist fill a prescription for 30 Preludin. The Rx, written on a Duke University Medical Center blank, was alleged to have been forged.

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erythromycin enteric-coated tablets, Upjohn

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E-MYCIN TABLETS—250 mg—For Oral Administration (erythromycin enteric-coated tablets, Upjohn) E-Mycin Tablets are specially coated to protect the contents from the inactivating effects of gastric acidity and to permit efficient absorption when administered either immediately after meals or when given between meals on an empty stomach.

Indications:

Staphylococcus aureus: Acute infections of skin and soft tissue of mild to moderate severity. Resistance may develop during treatment.

Diplococcus pneumoniae: Upper respiratory-tract infections (e.g. otitis media, pharyngitis) and lower respiratory-tract infections (e.g., pneumonia) of mild to moderate degree.

Mycoplasma pneumoniae (Eaton agent, PPLO): In the treatment of primary atypical pneumonia, when due to this organism.

See package insert for other indications.

Contraindication: Contraindicated in patients with known hypersensitivity to erythromycin.

Warning: Safety for use in pregnancy has not been established.

Precautions: Erythromycin is principally excreted by the liver. Caution should be exercised in administering the antibiotic to patients with impaired hepatic function. Surgical procedures should be performed when indicated.

Adverse Reactions: The most frequent side effects of erythromycin preparations are gastrointestinal, such as abdominal cramping and discomfort, and are dose-related. Nausea, vomiting, and diarrhea occur infrequently with usual oral doses. During prolonged or repeated therapy there is a possibility of overgrowth of nonsusceptible bacteria or fungi. If such infections occur, the drug should be discontinued and appropriate therapy instituted. Mild allergic reactions such as urticaria and other skin rashes have occurred. Serious allergic reactions, including anaphylaxis, have been reported.

Treatment of overdose: The drug is virtually nontoxic, though some individuals may exhibit gastric intolerance to even therapeutic amounts. Allergic reactions associated with acute overdosage should be handled in the usual manner — that is, by the administration of adrenalin, corticosteroids and antihistamines as indicated and the prompt elimination of unabsorbed drug, in addition to all needed supportive measures.

How supplied: 250 mg — in bottles of 100 and in unit-dose packages of 100 enteric-coated tablets. Caution: Federal law prohibits dispensing without prescription.

For additional product information, consult the package insert or see your Upjohn Representative.

Upjohn

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STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Nichols Pharmacy, Neuse Blvd. & Glenburnie Road, New Bern. Delvin S. Huffstetler, pharmacist manager.

2. Eckerd Drugs, Eastland Mall, 5555 Central Avenue, Charlotte. Samuel E. Lowman, Jr., pharmacist manager.

TRANSFER

Kerr Discount Drugs, Longview Shopping Center, 2008 New Bern Avenue, Raleigh. Herman S. Barbrey, Jr., pharmacist manager.

INSTITUTIONAL

Hawthorne Nursing Center LSP, 333 Hawthorne Lane, Charlotte. Wayne A. Rinehart, pharmacist manager.

RECIPROCITY

1. Linda L. Drew, Durham (from New York)
2. Arthur Haber, Greensboro (from New York)

OWNERSHHP CHANGE IN BURGAW

Norwood Blanchard has assumed ownership and management of the Durham Drug Company, Burgaw.

On June 23 when the change became effective, the name of the pharmacy operation was changed to "Pender Drug Center."

Mr. Blanchard is a 1961 graduate of the UNC School of Pharmacy and University of Alabama (Master of Business Administration). In recent years, he has been associated with the Bank of North Carolina as director of the Bank's acquisition department.

TWO MONROE PHARMACIES MERGE

Secrest Pharmacy and Secrest Drug Company of Monroe have merged, with Secrest Drug Company, Franklin & Hayne Streets, as the continuing operation. V. V. Secrest, Jr. is the pharmacist manager.

WAYNE COUNTY OFFICERS INSTALLED

The newly installed officers of the Wayne County Pharmaceutical Society are:

President—Hugh Clark
Vice President—Wendell Harper
Secretary-Treasurer—Bob Edwards
Program Chairman—Bill Gibson
Public Relations—Louise Kesler

Installation of the officers took place at a recent meeting of the Wayne group in Goldsboro.

SMALL METRIC WEIGHTS OF NEWLY USE

By E. A. BRECHT, Ph.D.

The nanogram (ng) is a metric unit of weight listed in the USP and NF for the first time this year. It is one-billionth (10^{-9}) of a gram and is used to express blood concentrations of drugs such as quinidine, prednisone, etc. in ng/100 ml. The same concentration is ng/d1 or mcg/1 and similar to ppb (parts per billion). The next unit of weight is already in use for smaller concentrations of hormones that can be measured for diagnostic purposes of hormones by radioimmunoassay (RIA). It is picogram (pg), one-trillionth (10^{-12}) of a gram. The units are pronounced nanno-gram and peeko-gram.

The complete list of prefixes by thousands for the metric system is as follows:

tera T trillion	10^{12}
giga G billion	10^{9}
mega M million	10^{6}
kilo k thousand	10^{3}
units—m, 1, or g	
milli m thousandth	10^{-3}
micro μ millionth	10^{-6}
nano n billionth	10^{-9}
pico p trillionth	10^{-12}
femto f quadrillionth	10^{-15}
atto a quintillionth	10^{-18}

ANNUAL REPORT
SCHOOL OF PHARMACY, UNIVERSITY OF NORTH CAROLINA

by Seymour Blaug, Dean

I have been in my new post for nine months, and I am pleased to be able to present this annual report to you, the membership of the NCPhA. Already, I have had the opportunity to meet with the Executive Committee of the Association, with the Board of Pharmacy, and many times with W. J. I have followed Bill Wilson around the state (or he has followed me). I have spoken before county groups in Winston-Salem, Williamston, Kinston, Asheville, Wilmington, Charlotte, Greensboro, Morganton, Raleigh, Gastonia, Alamance, and Dunn, often accompanied by Lee Werley, Claude Paoloni, and Fred Eckel. We have attempted to inform you of what is happening in the School of Pharmacy and what the faculty and staff plan to do.

There has always been a gap between education and the practice of any profession. Perhaps the gap has widened because pharmacy education has undergone some revolutionary changes in the past few years in an attempt to prepare pharmacists for practice today and to prepare them for changes that are likely to occur in health care delivery in the future. A visit to any school of pharmacy would reveal many changes, especially if you graduated a few years ago. Changes have not been made whimsically or without planning.

The future of any profession is dependent on its current and future manpower and womanpower supply. Undergraduate enrollments since 1970-71 have been 566, 602, 576, 579, and 582. These enrollments have enabled the School to meet the needs of the state for approximately 130 graduates a year. With 136 graduates in 1973-74, UNC stands tenth among the 72 schools of pharmacy in number of graduates. The number of pharmacists per 100,000 in North Carolina has increased from 37 to 43 in that same five-year span. The quality of the students in the School of Pharmacy is attested to by the fact that at the end of the fall, 1974, semester, 110 pharmacy students were



Dean and Mrs. Blaug (left) are shown with NCPhA President (1974-75) and Mrs. W. H. Wilson of Raleigh

on the University Honor Roll (3.2 or better). It is interesting to note that 546 of our undergraduates are state residents. They come from 79 of the 100 counties in the state.

The proportion of female students continues to increase steadily as evidenced by this year's enrollment of 254 females. representing 44% of the total undergraduate student body in the School of Pharmacy. This reflects the national trend where females account for 33% of the undergraduate student body in the 72 schools. Michigan, Purdue, Florida A & M, and Howard have female enrollments which exceed 45% of their undergraduate student body, with the University of Michigan and Purdue University reporting female enrollments of over 50%.

As of January, 1975, there were 32 graduate students in the School of Pharmacy, 12 in medicinal chemistry, 5 in pharmaceutics, 13 in hospital pharmacy, and 1 in industrial pharmacy. Graduate students make an important contribution to our undergraduate program through their service as teaching assistants in our laboratories and through the intellectual stimulation they provide to our students and faculty.

This fall the School embarked on a new curriculum. One of the major changes involves the 5/5 year where block teaching, that is, teaching in 7-week periods is being introduced so that pharmacy students can leave the institutional setting in order to apply their acquired theoretical knowledge to life situations in a community pharmacy. Other changes in the curriculum were made in order to develop stronger programs in the biomedical sciences and in pharmacy administration. The curriculum is not static—more changes are being considered by the Curriculum Committee which is made up of faculty and students. What may not be generally recognized is that these changes in the educational program will, in a very real sense, bring the practitioner into the educational arena. More practitioner-educators will be needed in the externship program (the 7-week rotations in community pharmacies, community hospitals, and Area Health Education Centers). There is a great deal to be learned in a community pharmacy setting, including how to communicate with patients and physicians, advising patients on OTC products, surgical supplies and appliances, and inventory control methods, all of which are difficult to teach in a classroom or laboratory.

On December 20 and 21, the Pharmacy faculty held a 2-day retreat at Quail Roost (outside of Durham). The curriculum, course content, objectives of our School and the divisions within the School, and the professional degree program were discussed. Much was learned about course and curriculum objectives, areas of overlap were discovered, and a healthy exchange of ideas took place.

Issues and questions confronting pharmacy can be categorized into two fundamental parts—what is pharmacy's role in health care delivery in the future and pharmacy economics. Issues facing pharmacy today are internship training, national testing, continuing education, utilization of pharmacy technicians, and patient medication records. These are but a few of the many issues which must be resolved so that we can more fully utilize the knowledge and skill of the pharmacist in delivering pharmaceutical services to the public in any setting.

I mentioned pharmacy economics as an issue that confronts our profession. If pharmacy hopes to maintain even its present position within health care delivery systems, much more study must be devoted to this aspect of our profession. In structuring new or improved goals for pharmacists, it must be recognized that economics plays a crucial role in determining whether or not new services can and will be offered to the public. It is well and good to develop new programs and hypothesize their importance to the public health, but, until a pharmacist better understands his financial needs, many elements of his new role may be fiscal suicide.

For these and other reasons, the pharmacy administration program at UNC is being expanded. We have been looking for a senior person (not necessarily senior in years) who is a pharmacist, has special training in pharmacy administration, economics, and statistics. Many of you have read our ads in the pharmaceutical press. I am pleased to tell you that Dr. Jean Gagnon will be joining our faculty sometime in June. Dr. Gagnon has taught pharmacy administration, community pharmacy operations, drug marketing, and jurisprudence and has published many papers dealing with personnel and financial man-

Continued on page 28

Introducing...

THE RELOCATABLE PHARMACY



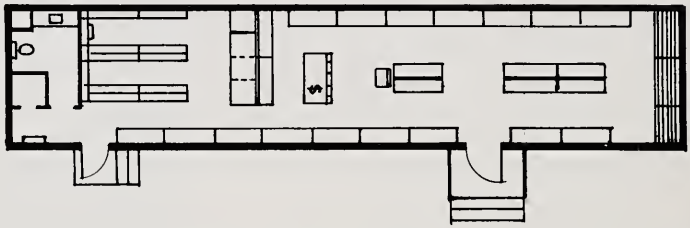
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The relocatable pharmacy was designed and developed by Roland Thomas, who has over 14 years experience in drug store planning. The concept originated to give the pharmacist complete flexibility while minimizing the investment, overhead and risks in establishing a new pharmacy.

The first relocatable pharmacy was opened at Old Fort, N. C. in late 1974, with gratifying results. As the name implies, the unit may be easily and inexpensively moved without having to completely disassemble the interior fixtures and equipment.

The specially designed double-reinforced 12' x 60' unit has many standard features, including central air conditioning, furnace, fluorescent lighting, exterior wood siding, commercial-type glass door, and all interior Rx. Dept. and sales area fixtures and equipment. Optional features are also available, such as carpet and burglar alarm system.

All you need is a suitable site. The complete package is available for delivery within six (6) weeks.

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OFFICERS INSTALLED AT MEETING OF THE IREDELL PHARMACEUTICAL ASSOCIATION

Reported by Lynn Waugh, Jr.

The Iredell Pharmaceutical Association met July 10, 1975 for a breakfast meeting at the Holiday Inn in Statesville. Ten members were present.

A short discussion of PharmPAC was presented by Joe Miller our area representative from PharmPAC. He explained the purpose of PharmPAC and told of some of the recent things they had been involved in. He also passed out membership blanks and invited all who would to sign up.

It was also reported that the ballot on continuing education which was sent to pharmacists in the state was defeated 60% to 40%.

Jim Patterson reported a desire by Lt. Tony Randall of the Statesville Police Department to have a Pharmacist accompany him on drug abuse lectures as sponsored by the Mayors Drug Abuse Committee. These lectures consist mainly of visiting schools and other local groups. Lyle Davis stated his willingness to help. Fred Lowry suggested we support this endeavor. The motion carried and everyone expressed their willingness to help whenever they could.

The recent death of Bill Howard, former pharmacist at Forest Heights Pharmacy in Statesville was remembered and it was suggested a memorial be sent to honor him.

It was reported that four members of our local association had attended the symposium on Hypertension held recently in Charlotte and Greensboro. Those attending expressed satisfaction with the symposium.

Election of officers was held and new officers for the year are as follows:

Judy Williams—*President*
Jim Patterson—*1st Vice-President*
John Kennedy—*2nd Vice-President*
Lynn Waugh, Jr.—*Secretary-Treasurer*

FREE RXS AND FREE CENTS

There are promotional gimmicks, some new, some old. This one is an adaptation of something which has been around a long time but newly applied to a prescription product.

According to our reporter, in order to increase prescription sales on Sunday (a slow day for this particular small chain), public announcement was made that $1.00 would be deducted from the cost of any Sunday-dispensed prescription.

One of the chain's specials was birth control medication 99¢. Now for practical application of the chain's Sunday special.

After the prescription customer received her 99¢ prescription and $1.00 discount slip, she completed transaction at cashier by receiving 1¢ refund for favoring the pharmacy with her Sunday patronage.

Since Washington has grown accustomed to deficit financing, this piece of financial legerdemain will impress the FTC.

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The nation's most highly specialized collection service

Your Association's Collection Service is an affiliate of a national organization currently serving members of more than 300 leading trade associations throughout the nation.

Don't lose sales volume because customers owe you money and are trading somewhere else. Your Association's Collection Service will chase those debtors back into your place of business to pay YOU direct. You will get accounts OFF your ledger and IN your bank account—and you will also have many former customers back doing business with you again. For information, contact your Association office. It will pay you to do so.

On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

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Another SMITH Service that will provide you shelf labels and price stickers for every item ordered. Supplied in invoice sequence.

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HOW'S YOUR RETAIL IMAGE?—Good? Bad? Indifferent—Consult your Smith Representative about our Associated Druggist Program. Some of the advantages of this program are hometown newspaper advertising—buying advantages—clerk training program—In store promotion materials and store advertising fliers.

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DRUGS AND ADS

This editorial appeared in the Winston-Salem Sentinel (June 9) and is typical of editorials and news releases which appeared following FTC's proposal to permit the advertising of prescription drugs.

The Federal Trade Commission proposal to end bans in 34 states on advertising prescription drug prices is good news for the consumer. Comparison shopping for prescription drugs could save shoppers an estimated $130 million a year.

Chain drugstores have always supported such a rule, while smaller pharmacies have remained steadfast in opposition. Opponents claim that advertising prices will create a demand for drugs, and thus increase drug abuse. Lewis A. Engman, Chairman of the FTC, tartly replies, "I have no reason to believe that the end result of providing price information will be a bunch of kids singing, 'I'd like to buy the world a fix.' You're just going to hear how much it costs, and nobody ever got hurt by that."

Indeed, it should be clear that no one is encouraging druggists to begin running "specials" on prescription drugs. Advertising or posting prices is not the same as high-pressure sales. The ruling would only compel drugstores to do what is normal business practice for most merchants: Post prescription prices and advertising make the consumer aware of the price variations at different stores.

The Public Interest Research Group, working this spring in North Carolina, found that some stores sold the same quantity of the same drug with as much as a $4 price difference.

Admittedly, the FTC proposal favors large drug chains as well as the consumer. A small, privately owned drugstore that does not do the volume of business of the larger stores would find drug price competition difficult. But competitive pressure is no reason to keep Americans in the dark about the cost of such a vital commodity.

In defense of the FTC proposal, Engman says: "It is a curious set of values which says that the consumer may be given full information about discretionary purchases such as deodorant and mouthwash but cannot be given information that will help him save money on nondiscretionary purchases such as drugs which a doctor has prescribed as essential to his good health."

In a nation where people spent more than $6.7 billion dollars for prescription drugs in 1973, with the average American spending $41.18 for prescribed medicine, those values Engman describes are surely worth reconsidering.



The most competitive insurance coverage designed specifically for the pharmaceutical field is provided by American Druggists' Insurance Co. — backed by claim service unexcelled by by any other!

We know the pharmacists problems best, because ADI was founded by pharmacists for pharmacists over 65 years ago. ADI provides "blue ribbon" multi-peril packages exactly to your needs. Contact your ADI agent now.

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BURROUGHS WELLCOME COMPANY SOME QUESTIONS AND ANSWERS

ABOUT THE B. W. CO. PRICING POLICY?

Answer: Our pricing policy is "like prices for like quantities." To implement this policy, we distribute through selected wholesalers. While we cannot establish the prices charged by these independent businesses, we support the concept of "like prices for like quantities," to retail and hospital pharmacies.

HOW B. W. CO. SUPPORTS PHARMACY EDUCATION?

Answer: In several ways . . . most significantly through the *Burroughs Wellcome Pharmacy Education Program.* In 1974, $26,000 was given to designated pharmacy schools around the country. Over 12,000 community and hospital pharmacists participated in the program. Of these participants, 52 winners were selected (one from each state, Puerto Rico, and the District of Columbia). The 52 winners designated a pharmacy school of their choice at which a $500.00 permanent revolving loan fund was established in their name by the Burroughs Wellcome Pharmacy Education Program. We hope to continue and expand this program in years to come.

In addition, the Company funds two Citation and Memorial Fellowships in the names of Henry Wellcome and Silas Burroughs. The Burroughs Memorial Fellowship and the Wellcome Memorial Fellowship are endowed through the American Foundation for Pharmaceutical Education, and are awarded on a competitive basis for graduate pharmacists to pursue further research.

Further educational support is provided in the form of summer employment for pharmacy students at our production facilities in Greenville, North Carolina.

Burroughs Wellcome Co. also provides current information of interest to practicing pharmacists and students through the publication, *Wellcome Trends in Pharmacy.*

HOW B. W. CO. SUPPORTS THE ROLE OF THE PHARMACISTS?

Answer: Burroughs Wellcome Co. pays tribute to the pharmacists' role in health care through a "Salute to Pharmacy" television message viewed weekly in association with the T.V. series MEDIX. It's our way of saying "thank you" and telling the public about a job well done. We think the public will thank you, too.

Additionally, our local Representative's first priority when visiting you is to provide useful product information.

HOW B. W. CO. PROVIDES MEDICAL INFORMATION TO THE CONSUMER?

Answer: Burroughs Wellcome Co. is providing health care information to hundreds of communities across the country by sponsorship of the public service weekly television series, MEDIX. MEDIX covers a broad range of topics as it focuses on people, their medical needs and problems, and the professionals devoted to solving them. As mentioned earlier, each showing is accompanied by a "Salute to Pharmacy."

WHY B. W. CO. PRODUCTS SHOULD BE SELECTED WHEN A PRESCRIPTION IS WRITTEN GENERICALLY?

Answer: In addition to the previous answers, there are many reasons B. W. Co. products should be selected when an option is available. We'll give you three good ones.



For ninety years

. . . . since 1885

seeman

OF DURHAM

Has been producing good printing, and with promptness. Machines and techniques in printing have changed but the inherent quality is maintained.

We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."

A DIVISION OF
FISHER-HARRISON CORP.

1. Traditionally high B. W. Co. manufacturing standards assure you of a quality product. Lanoxin brand Digoxin is a classic example of consistent B. W. Co. quality . . . in spite of difficult manufacturing requirements. In fact, Lanoxin has become a standard by which other digoxins are measured.

2. A fact which surprises many people is that a significant portion of our research dollar is spent on currently available medications. As a matter of fact, in 1973-74 we spent over 25% of our research effort to find out more about currently available medications. Again, Lanoxin is a good example. Research continues on Lanoxin even though it has been on the market for over 40 years. Our Research and Development staff of over 340 professionals are continuously looking for a better understanding of our products and methods to improve them. Consequently, when you dispense a Burroughs Wellcome Co. product you are assured of a background of knowledge on that product.

3. Service is another valued tradition from B. W. Co. to the pharmacist. Our services range from a full-time Medical Department staff of 37 available day or night to answer emergency questions on our products . . . to a nationwide Representative staff of 565 for personal day-to-day service. You get more than just a product from B. W. Co., you get a family dedicated to providing complete and current information on our product line.

Even with all these benefits and services, B. W. Co. products are reasonably priced. Perhaps this could be part of the reasons that Burroughs Wellcome Co. ranks third in total new prescriptions according to a recent survey and that our sales volume has doubled in the last five years.

AS YOU CAN SEE . . .

To the pharmacist, Burroughs Wellcome Co. means quality products at a reasonable price backed by pharmacy support, research, and service.

NORTH CAROLINA PHARMACY TRIPARTITE COMMITTEE ON PHARMACY EXTERN / INTERNSHIP PROGRAM

MINUTES

June 16, 1975
Institute of Pharmacy
Chapel Hill, N. C.
(7:05 p.m.-9:05 p.m.)

Members present: Claytor, Dawson, Day, Randall (Chairman), Paoloni (Secretary), Werley and Willets (Vice-Chairman).

Members absent: Caiola, Edmonds

Ex-Officio Members present: McAllister, Smith

Ex-Officio Members absent: Blaug

Guest present: Lloyd Davis, A. Wayne Pittman

After a quorum was established with Dawson, Werley, Willets, Paoloni, McAllister and Smith present the meeting was called to order at 7:05 p.m. Others joined the meeting afterwards with Chairman Randall presiding beginning with the discussion of item IV of the agenda.

I. Acknowledgment of guests.

A. Wayne Pittman and Lloyd Davis were welcomed and invited to actively participate in the Committee's deliberations.

II. Adoption of Minutes of May 19, 1975, meeting.

With corrections of inserting date, May 19, 1975, in the heading and in Section VI, *New Business,* changing first word of second sentence to *giving,* in place of "growing," the minutes were adopted.

III. Program Instructions, May, 1975.

Members were asked to report whatever comments they may have received since the *Program Instructions* were revised in May, 1975. From all indications the revised edition was received quite favorably by the extern/interns with few, if any, objectionable comments transmitted. Expression was made by some students that they wished the answers to specific questions would have been included. (Answers presumably are being developed as per Section III Minutes, May 19, 1975.)

IV. Extern / Internship Program—Summer, 1975.

A summary report of the extern/interns gaining practical experience registered with the N. C. Board of Pharmacy, since May, 1975, was reviewed by the Secretary. To date, 266 students are gaining extern/internship credit under the supervision of 258 participating preceptors; 173 are engaged in community and 61 are in institutional practice; 30 are serving as Medication Assistants and 2 are in industry. Some concern was voiced among the members that apparently a little better than half of the student potential was involved in the extern/internship program this summer and perhaps there may be some students who were unable to find appropriate practice sites.

V. UNC School of Pharmacy—Academic Practical Experience Coursework.

Mr. Paoloni reviewed the "Academic Practical Experience Coursework" of the School of Pharmacy to begin this Fall semester. He requested the "Guidelines for Practitioner-Teachers" be changed to conform with the terminology of Faculty AHEC Committee to read: *Guidelines for Practitioner-Instructors* and to make whatever changes would be appropriate in the body of the Guidelines. This was approved.

Mr. Paoloni reviewed the organizational structure of the School of Pharmacy AHEC program and its development to date expressing hope of structuring a truly meaningful and significant practical experience learning program. Preceptor and practice site guidelines and survey reports approved by the Tripartite Committee, are being utilized along with student profile forms and student pharmacy externship program questionnaire. There is much work yet to be done in screening and soliciting preceptors and practice sites for students. A Proposed Letter of Agree-

ment to be used between the School and on-site pharmacies and practitioners was reviewed by members.

Following discussion of the program, Mr. Paoloni requested a recommendation for approval of Pharmacy 92L coursework (See attached—Exhibit F) for a specific number of hours. Since the proposed program involves learning for 2 weeks in community pharmacy; 2 weeks in an institutional pharmacy; 2 weeks optional; 1 week for orientation, evaluation, seminar, critiques, etc. and 1/2 week devoted to travel, a total of 280 hours (7 weeks x 40 hours/week) was suggested. After discussion the committee:

Agreed: To recommend for approval a total of 280 hours of externship credit for pharmacy students having successfully completed the approved academic practical experience program, Pharmacy 92L.

VI. Review of Allowable Concurrent Time.

Copies of correspondence from Fred T. Mahaffey, Executive Secretary, National Association of Boards of Pharmacy, to H. C. McAllister, Secretary, North Carolina Board of Pharmacy, dated December 8, 1972, were circulated. The purpose of the letter was to review the by-law changes and the interpretation of the by-law relative to the extern/internship program.

At out last meeting Wayne Pittman's request to consider the feasibility of students receiving more than 400 hours credit in approved externship programs of the School was deferred until this meeting. Therefore, this correspondence seemed most relevant. Excerpts from the correspondence follows:

"The Committee, in its extended definition of concurrency, suggests that if a student is registered in a college-administered practicum which involves the student on a full-time basis, that is: the program involves the student in an experience program of at least 40 hours per week, then that student shall not be considered as acquiring concurrent time. Again, if the college program involves the student in a working-day situation, the student is not acquiring concurrent time. Finally under this "definition extension", the student is allowed to carry three or less didactic, academic semester hours of credit or an equivalent in the quarter-hour situation. This final situation allows the school to cover any academic material needed for the administration of the practice experience.

5. As an example, suppose a college offers a program in which a student spends a total of 1,000 hours in a college administered practicum. Hours required and allowed would be computed as follows:

Total hours required in by-law		1500 hrs.
Maximum allowable concurrent time	400	
Additional hours of college administered practicum	600	
Total college administered	1000	−1000
Additional need to meet required total		500 hrs.

By substracting the college-administered hours from the total necessary hours, it is shown that this theoretical student must complete 500 hours of additional internship."

Discussion on the merits of applying the rule as proposed initially by the N.A.B.P. followed. Concern was expressed that this action might interfere with, or jeopardize, a pharmacist's eligibility to reciprocate. Despite the disparity that exists among Boards in regulation concerning reciprocity, the Committee:

Agreed: To recommend to the Board of Pharmacy that in keeping with the N.A.B.P.'s intent and interpretation of its extended definition of concurrent time students be permitted to receive more than the 400 total hours required as maximum allowable concurrent time.

VII. Old Business—none.

VIII. **New Business:**

1. Jack Dawson received a letter from U. S. Department of Labor, Employment Standards Administration concerning an opinion as to whether an employer-employee relationship would

(Concluded on Page 26)

exist under the Fair Labor Standards Act while students of the University engage in training under an externship program.

2. A. Wayne Pittman requested Extern/Internship credit for pharmacy students involved in Community Anti-Hypertensive Drug Use Study. Discussion followed. Although the program has strong learning potential and is highly desirable insufficient evidence was presented to make the program sufficiently broad to warrant externship credit. It was, therefore,

Agreed: a. To recommend the study and review of this program for internship/externship credit and to obtain a response by mail ballot of the Tripartite Committee members. Mr. Pittman will prepare a cover letter to be enclosed with the mail ballot.

b. To suggest to Wayne Pittman that he present the program to the Curriculum Committee of the School of Pharmacy for elective course credit.

3. Election of officers to be made at next meeting.

1. Chairman—1 year term
2. Vice-Chairman—1 year term

4. Need to reappoint old, or appoint new members for 3 year terms:

Mr. George Willets—NCPhA
One undesignated member of Board of Pharmacy
Mr. LeRoy Werley—School of Pharmacy

(Term to begin with annual meeting in September, 1975, and continue until annual meeting in 1978.)

5. Next meeting: September 21, 1975, Monday, Institute of Pharmacy

IX. Adjournment: 9:05 p.m.

Claude U. Paoloni—Secretary



Dr. George H. Cocolas

DR. COCOLAS TO HEAD UNC SCHOOL OF PHARMACY DEPT. OF MEDICINAL CHEMISTRY

Dr. George H. Cocolas has been promoted to Head of the Department of Medicinal Chemistry of the UNC School of Pharmacy. He has been a member of the faculty since 1958.

Dr. Cocolas received the Ph.D. degree in pharmaceutical chemistry from the University of North Carolina (1956) and a bachelor's degree from the University of Connecticut (1952).

In 1972, Dr. Cocolas was voted "outstanding teacher" by the student body of the School of Pharmacy. He is the author of a number of published scientific articles.

UNC PHARMACY SCHOOL NOTES

DR. CHAMBERS TO CHAIR RED CROSS

Dr. Melvin A. Chambers was elected Chairman of the Chapel Hill-Carrboro Chapter American Red Cross. Dr. Chambers is professor of pharmacy administration of the UNC School of Pharmacy. He succeeds Dr. E. A. Brecht.

Dr. Jack K. Wier, also of the School of Pharmacy, was elected to vice chairman. Secretary elect is Catherine Pendergrass of the Orange Savings and Loan Association. Serving for a second term as treasurer is Rebecca Stewart who is the administrative assistant to the Dean of the UNC School of Pharmacy.

The election was held at the Chapter's annual meeting on June 19th.

HAGER APPOINTED TO PHARMACEUTICAL BOARD

Dr. George P. Hager has been invited to serve on the "Commission On Company Sales Training Programs." Named by the Pharmaceutical Association, the Board consists of representatives of Pharmacy, Medicine and the Pharmaceutical Industry. Fred A. Coe, Jr., head of Burroughs-Wellcome, serves as Chairman of the Commission.

The primary function of the Commission is to provide assistance to pharmaceutical manufacturers in their efforts to improve their training programs for those who detail prescription drug products to the professional community.

ATTEND KE CONVENTION IN PHILADELPHIA

Pharmacist Ann Angle of Greensboro and UNC Pharmacy School students Debbie Lewis of Burlington, Elizabeth Livengood of Winston-Salem and Susan Morris of Lumberton attended the Kappa Epsilon biennial convention in Philadelphia, July 6-10.

The theme of the convention was "Liberty, Liberation and Celebration."

SCHOOL OF PHARMACY FACULTY PARTICIPATES IN NATIONAL MEETING

CHAPEL HILL—Several faculty members of the UNC School of Pharmacy actively participated in the week-long (July 6-13) annual meeting of the American Association of Colleges of Pharmacy, Concord Hotel, New York. Dean Seymour Blaug was a panel leader for "A Realistic Appraisal of the Potential Contribution of the Social and Behavioral Sciences to Professional Education in Pharmacy." A paper co-authored by Sue Kizer, Fred Eckel, and Candace Bryan and titled "Using Behavioral Objectives and the Discussion Group Technique in a Pharmacy Orientation Course" was presented by Ms. Kizer who is a graduate student in hospital pharmacy. Assistant Professor Charles Pulliam of the Division of Pharmacy Practice was installed as Chairman of Section of Teachers of Clinical Instruction of the AACP. Other faculty attending the annual meeting of the AACP are Claude Paoloni, Leonard Berlow, George Cocolas, Wayne Pittman, and William Garnett.

THOSE GOOD OLD GOLDEN RULE DAYS

When I was a student, I was quiet;
I didn't protest, I didn't riot.
I wasn't unwashed, I wasn't obscene.
I made no demands on prexy or dean.
I sat in no sit-in, I heckled no speaker.
I broke not a window; few students were meeker.
I'm forced to omit with some hesitation,
All I got out of school was an education!

ANNUAL REPORT SCHOOL OF PHARMACY

(From Page 17)

agement, prescription pricing, professional services, third party pay programs, consumer motivation surveys, and has conducted cost of filling a prescription studies for state departments of social services.

Another area receiving more emphasis in pharmacy education, in the curriculum and through continuing education programs in the case of practitioners, is bio-pharmaceutics. With expanding third party pay programs (10% of the 1.5 billion prescriptions in 1974 were paid for by a third party) and the possibility of some form of national health insurance, the pharmacist is going to be more involved in decision-making with regard to drug product selection. Intelligent decisions must be based not only on the pharmacist's knowledge of drugs and drug therapy, but on his or her knowledge of the factors that affect the absorption of drugs from drug products and those that affect the distribution, metabolism, and excretion of the drug and its metabolites. This information is necessary in order to interpret the comparative bioavailability data that many pharmaceutical companies are now making available to pharmacists and physicians. There is a required course on biopharmaceutics in the curriculum. A new person, Dr. Timothy Sullivan, is being added to the faculty on July 1. Dr. Sullivan is completing a one-year post-doctoral program at the University of Michigan in biopharmaceutics. It is hoped that offerings in this area can be expanded and extended to the students through course work and to pharmacists through the continuing education program.

Under the able leadership of Claude Paoloni, the Pharmacy AHEC Program is fulfilling its commitment to the state and to the profession. Dr. George Russell has joined the program as its Assistant Director; Dr. Charles Webb is the AHEC pharmacist in Asheville; Mrs. Pam Joyner is the AHEC pharmacist in Wake; and Mr. Ben Williams will be joining the Charlotte AHEC in May. Pharmacists for the Wilmington and Area L AHEC's are being actively sought.

As you know, Mr. Paoloni is also the Director of Continuing Education. Since he will give a separate annual report on C. E. to this convention, I will not go into this important activity of the School.

In the current school year pharmacy students received almost 300 scholarships and/or loans which amounted to a total of $147,466. The number and dollar amount is down from last year, primarily because of the phasing out of the federal health scholarship program. President Ford's new budget also recommends a reduction in student loan funds. I join with the faculty and students in expressing our deep gratitude to the pharmacists of North Carolina for their continued support of pharmacy education through their contributions to and membership in the North Carolina Pharmaceutical Research Foundation and the State Association. The NCPhA provides loan funds to pharmacy students through the Consolidated Pharmacy Fund. As of January 31, 1975, the loan total went over $100,000. With the help of W. J. Smith, emergency loans, in addition to the regular NCPhA loans, were made to pharmacy students this past fall because the receipt of federal funds was delayed two months.

Without the continuing assistance of the North Carolina Pharmaceutical Research Foundation, the School of Pharmacy could not even receive the federal loan funds since schools are required to match the Health Professions Loan funds by providing one-ninth of the amount allocated. Since the School received in excess of $70,000 from the federal government for Health Professions Loans, the matching funds from NCPRF represent a considerable contribution to the overall student financial aid program in the School of Pharmacy. Support of the School by NCPRF has increased over the years. In addition to supplying matching loan funds, NCPRF provides scholarships and enables the School to purchase books for the Pharmacy library beyond those which state funds allow us to purchase. NCPRF also supports pharmacy related projects being conducted by students and faculty, and it enables us to purchase equipment for the undergraduate laboratories. NCPRF also supports many other student and school activities such as the pharmacy newsletter and the Hartung Memorial Lecture.

Although the primary objective of the School of Pharmacy is to educate and train pharmacists (80% of our graduates enter community pharmacy practice), the research and graduate program contributes greatly to the strength and quality of the undergraduate

program as well as providing well trained people for careers in teaching, product development, and research. It contributes to teaching excellence because it develops in a teacher a spirit of inquiry that permeates teaching, and it enhances one's mastery of his or her subject matter.

Support of the School's research activities and graduate program by the federal government and by private industry during the current year has increased, despite the decrease in research support nationally by the Department of Health, Education, and Welfare through Public Health Service and National Institutes of Health Grants. The School is receiving in excess of $200,000 to support a variety of projects including bioavailability studies, drug product formulation studies, synthesis of new antitumor agents, synthesis of hypolipidemic agents, the development of new analytical methods, studies involving the mechanism of antifertility agents, and the use of computers in drug utilization studies.

I am optimistic about the future, but we are facing serious financial problems to which there are no simple solutions. The School has been receiving substantial support from the federal government since 1970-71 for its undergraduate programs through institutional capitation grants. These funds have enabled the School to increase its enrollment and expand its faculty, the latter primarily in the Division of Pharmacy Practice, in order to support the clinical pharmacy program. This was in conformance with a major purpose of the federal grants, which specified that schools of pharmacy must use Capitation Grant funds, in part, to "provide for increased emphasis on, and training in, clinical pharmacy, drug use and abuse, and, where appropriate, clinical pharmacology."

New health manpower legislation which provides capitation funds to health sciences schools did not pass in the 93rd session of Congress. New faculty position money will be needed starting in 1975-76 to compensate for losses that may occur due to discontinuation of the Capitation Grants program, if we are to sustain the quality and quantity of the School's instructional programs. It is earnestly hoped that the support necessary to sustain these programs will be provided by the State. I feel we should not rely on continuing federal funds to support educational programs that have passed the experimental stage and become a viable, essential part of the School's overall educational program.

The quality of our programs, our faculty and students is high, but there are shortages in faculty and space. We are now housing 610 students in a building constructed to hold 425 students.

The quality of the faculty is attested to by the national recognition given to them through election to office in various organizations. Professor Eckel is President-Elect of the American Society of Hospital Pharmacy; Dr. Cocolas is Secretary of the Medicinal Chemistry Section of the Academy of Pharmaceutical Sciences and is also a member of the Resolutions Committee of the AACP. Professor Pulliam is Chairman-Elect of the Teachers of Clinical Instruction, AACP, and Mrs. Bryan is Chairperson-Elect of the Section on Clinical Practice of the Academy of General Practice. Dr. Olsen was elected to the House of Delegates of the AACP, representing teachers of pharmacy, and Dr. Wier was elected Secretary of the American Society of Pharmacognosy.

Pharmacists of North Carolina have also been honored by election to national office. I think this reflects the high quality of pharmacy practice in this state. For example, Jesse Pike of Concord is a member of the Executive Committee of the N.A.R.D.; Gary Newton of Fayetteville is President of the American College of Apothecaries; and Jack Dawson of Charlotte was the out-going Chairman this past fall of the Pharmaceutical Conference and Professional Relations Committee of the National Association of Chain Drug Stores.

It is obvious that without the dedicated service of many pharmacists who serve as Officers, members of the executive committee, and members of its various committees, our State Association could not function at the level it now does.

I want to express my personal gratitude to the NCPhA, to Bill Wilson and the Executive Committee, and to W. J. and Vivian Smith for their many kindnesses to me and my wife since our arrival in Chapel Hill.

This state is indeed fortunate in having two men, W. J. Smith and Harmon McAllister, who are completely dedicated to pharmacy. The School is fortunate in having the NCPhA and the Board of Pharmacy in Chapel Hill. The Association cooperates with the School in many ways, not only through its financial support of our students and its sponsorship of

the NCPRF, but through our joint activities in continuing education and student placement services. The Women's Auxiliary also continues to make many contributions to pharmacy in North Carolina through its support of our School and the Institute of Pharmacy.

AUXILIARY SESSION DEVOTED TO "IMPROVING OUR PHARMACY IMAGE"

Rosemary Hedgepeth of Henderson, President of the NCPhA Woman's Auxiliary, presided at the June 12th meeting of her Executive Board.

In addition to hearing reports from her officers and committee chairmen, the Board held a planning session for the new organization year.

Proposed projects, built around the theme "Improving Our Pharmacy Image" include a Fall Seminar, combining the usual Fall Convocation and Share-In. Handbooks slanted toward this theme, and providing guidelines and meeting suggestions for local auxiliary and individual member activities, will be available at the Seminar.

Another project—that of providing a "pot of flowers", either live or artificial plants in a decorated container—to long-term hospital patients, was planned.

Tentative planning for the 1976 Convention was discussed. It will be built around the Bi-Centennial, with special events of historical significance included.

A news letter with details of the projects and pre-convention news is being prepared for distribution to all members of the Auxiliary.

It was announced that the Lucile Rogers scholarship was awarded last year to Amelia Padgett, and that the Vivian Smith scholarship went to Joyce Carol Whichard and Samuel F. Lewis.

A gift of appreciation was given to Donna Wilson, NCPhA staff member who is entering UNC-G in August, for a continuation of her college career.

Mrs. Hedgepeth, who was installed at the 1975 Convention, is the wife of Morris E. Hedgepeth, pharmacist of Henderson. They have two children, Jeff and Heather.

Others attending the Board meeting were Wanda Branch, Pat Hickmon, Georgia Lewis, Brenda Kirkpatrick, Maud McCombs, Betsy Mebane, Della Medlin, and Neta Whaley.

Preceding the meeting, the NCPhA hosted a luncheon which was attended by the Auxiliary Board members and guests, and the Executive Committee of the NCPhA.



Rosemary Hedgepeth, President Woman's Auxiliary, NCPhA

MARRIAGES

Miss Mary Ann Bishop and James Wilson Largen III were married June 28 in the Myers Park Baptist Church of Charlotte. Mrs. Largen, graduate of UNC School of Pharmacy, is employed by Eckerd's Drugs.

Larry Hall Blackburn and Joan Lee Huffman were married June 28 in the First United Methodist Church of Lincolnton. Mr. Blackburn is a graduate of Carson Newman College and the UNC School of Pharmacy. He is employed by Allen Drug Company.

Fred Maus, pharmacist at Medical Center Pharmacy, Greensboro, and Mrs. Lena A. Bortner were married June 21 in the First Street United Methodist Church of Albemarle.

BW DOUBLES PE AWARD PROGRAM

The Pharmacy Education Program sponsored annually by Burroughs Wellcome Co., will double its contributions to $52,000 this year.

Two awards of $500 each will be made for every state plus the District of Columbia and Puerto Rico in the names of winning pharmacists to the Pharmacy Schools of their choice.

The purpose of these awards is to establish permanent revolving loan funds to assist deserving students in completing their education in pharmacy. Through this program Burroughs Wellcome continues its partnership with pharmacy in helping assure the future of the profession through education.

This is only one part of Burroughs Wellcome's activity in behalf of pharmacy. On its weekly nationally televised program on health care, MEDIX, a "Salute to Pharmacy" is included as a regular part of the format; and two publications—*Wellcome Trends in Pharmacy* and *Wellcome Trends in Hospital Pharmacy* go to pharmacists on a regular basis. Through its history, Burroughs Wellcome Co. has consistently promoted its retail products through the pharmacist.

The Company will be contacting over 60,000 retail and hospital pharmacies inviting their pharmacists to participate by returning a simple qualifying form. The entries will become part of a drawing to take place during the National Association of Retail Druggists (NARD) Annual Meeting, October 12-16.

Any pharmacist not receiving an entry form is encouraged to notify the Company either through a Medical Sales Representative or by writing Pharmacy Education Program, Burroughs Wellcome Co., 3p30 Cornwallis Road, Research Triangle Park, North Carolina 27709.

JOHNSON APPOINTED ASST. DEPT. HEAD

Samuel Johnson, a 1971 graduate of the UNC School of Pharmacy, has been appointed assistant department head, sterile products division, Burroughs Wellcome Company.

In this position, Mr. Johnson will be responsible for both the ophthalmic ointment section and inspection section and will operate under the supervision of the department head, James Whitehead.

Prior to joining Burroughs Wellcome Company in 1972, Mr. Johnson was an assistant manager with Peoples Drug Stores, McLean, Virginia.

ABOUT ALCOHOL

A well-known story in medical circles has to do with an experiment by the famous German physician, Dr. Niemand of Keinplatz. As the story goes, the good Herr Doktor selected five men, as nearly alike in race, size, age, weight, etc., as possible. At exactly 7 p.m., he poured an equal amount of brandy into each of five tumblers; at a given signal, each man downed his drink; and at 8 p.m., the doctor made the following notes:

Hans A.: sleeping soundly

Fritz B.: Singing merrily

Gus C.: trying to pick a fight with Fritz

Carl D.: being very sick in the bathroom

Rudy E.: out looking for female companionship

CLASSIFIED ADVERTISING

Classified advertising (single issue insertion) 10 cents a word with a minimum charge of $3.00 per insertion. Payment to accompany order.

Names and addresses will be published unless a box number is requested.

In replying to "blind" ads, address Ad. No. _____, Carolina Journal of Pharmacy, P.O. Box 151, Chapel Hill, N. C. 27514.

FOR SALE: FOUR (4) HALLMARK CARD FIXTURES INCLUDING ONE 6″ REVOLVING FLOOR RACK. EXCELLENT CONDITION: LIKE NEW. CALL OR WRITE LAWSON McCOMBS: P. O. BOX 306; FAITH, N. C. 28041. PHONE (704) 279-2358.

HOSPITAL STAFF PHARMACIST

Opening August 1 in 342 bed general hospital for Staff Pharmacist registered in North Carolina or eligible for licensure. Salary open. Responsibilities include inpatient dispensing, IV additive program, drug therapy monitoring for patients in Long Term Care Facility. Two weeks vacation first year (three weeks thereafter). Life, disability, and hospitalization insurance. Six paid holidays, sick leave.

Reply to:

F. Michael Hughes
Personnel Director
Southeastern General Hospital, Inc.
P. O. Box 1408
Lumberton, North Carolina 28358
(919) 738-6444 Ext. 250

RELIEF PHARMACIST

Open for employment in the Sanford area: Mrs. Edna T. Perkinson, 319 Carolina Trace, Sanford, N. C. 27330. (919) 499-4204.

DEAN BLAUG WILL SPEAK TO CIBA GROUP

Dr. Seymour Blaug, Dean of the UNC School of Pharmacy, will be guest speaker to a group of Ciba Pharmaceutical Company medical service representatives on August 27 at Summit, N. J. His presentation will be "Bioavailability for Medical Service Representatives."

OLDEST PHARMACY?

If your pharmacy was organized prior to 1900, write the NCPhA. The McNeill Pharmacy of Whiteville was established in 1901 and the Pinnix Pharmacy of Kernersville has been in continuous family ownership for 71 years.

NEW FILM: THE CONSUMER AND PRESCRIPTION DRUGS

A 30-minute sound/color film—The Consumer and Prescription Drugs—has been released for lay audiences and the general public.

Basically, the film deals with brand names, quality control and the price of prescription drugs. There are some dramatic illustrations that highlight manufacturing processes with comments by practitioners (one, a doctor from Clinton, N. C.).

The film could serve as a program for local pharmacy meetings with follow-up member reaction and comments.

It is appropriate for civic club and similar-type programs.

If interested in booking the film, contact your local Warner-Chilcott Representative or write/call Mr. Leslie O. Tharrington, 5104 Whitehall Place, Raleigh, N. C. 27612. Tel. (919) 787-4631.

CONSUMER-EDUCATION FILM

The Consumer Product Safety Commission has recently produced a consumer-education film entitled "The Travels of Timothy Trent." This 12-minute 16mm color film tells the story of a small child encountering perils of hazardous substances in a typical, action-filled day. It emphasizes the need for and availability of child-resistant packaging for several hazardous household substances. Suitable for showing at meetings of all kinds of community groups, includin parents, teachers, teenagers, and anyone else responsible for the care and safety of children, the film is available for loan from:

Modern Talking Pictures
2323 New Hyde Park Road
New Hyde Park, N. Y. 11040
(516) 437-6300

REMEMBER:



The availability of a store planning and modernization service in this area through your O.M.B. representative.



CONSULTATION Our design consultant will work with you from rough idea through finished plan. He'll carefully analyze every facet of your operational needs and potential, and recommend practical solutions.



DETAILED PLANNING For a single department or a complete new store, our design consultant will prepare detailed plans assuring you the most effective arrangement, the best traffic patterns, the most sales stimulating Columbus fixtures, displays and decor.



INSTALLATION He'll then supervise the installation of your new Columbus fixtures, work with all trades involved to see that your new selling environment is complete and workable in every detail . . . in the shortest possible time.



FOLLOW THROUGH And he'll help you through the "break-in" stage, seeing to it that your new fixtures serve you and your customers as designed.

IN COOPERATION WITH THE COLUMBUS SHOW CASE COMPANY

we are offering area druggists the finest, and most extensive lines of store merchandising display fixtures, plus complete store planning and modernization service available anywhere. As one of America's oldest, most experienced manufacturers of store equipment, Columbus has everything you need to up-date your store and make it more profitable. Just ask your **O.M.B.** representative for details.

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Make sure your stock is ready...

before your customers are ready to buy. Contact your local representative from King, Peabody, or O'Hanlon-Watson. He can help with your order for all Back-to-School supplies.

ICN

W. H. King Drug Company
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O'Hanlon-Watson Drug Company
Winston-Salem, North Carolina

Peabody Drug Company
Raleigh, North Carolina

The Carolina JOURNAL OF PHARMACY

Volume LV September 1975 No. 9



Sparta pharmacist Roy Burgiss (center) is pictured with his son, Tom, and daughter, Mrs. C. H. (Patsy B.) Sanders of Granite Quarry.

The occasion: Presentation of 50 year pin and certificate to Mr. Burgiss (pharmacist licensed first issued in 1925; served as president of the NCPhA, 1948).

This is an all-pharmacist family. Tom and his father operate Drug Care of Alleghany; Patsy is associated with Rowan Memorial Hospital Pharmacy, Salisbury, and nearby, her husband, Charl, is owner/manager of Granite Drug Company.

The 1926 pharmacist group will be honored in Wilmington, April 11, 1976 as a part of the 96th annual meeting of the N. C. Pharmaceutical Association.

The most widely prescribed brand of oral penicillin...

V-Cillin K®
potassium phenoxymethyl penicillin



Tablets V-Cillin K: 125, 250, and 500 mg.*; V-Cillin K, for Oral Solution: 125 and 250 mg.*/5 ml.
Brief Summary. Consult the package literature for prescribing information.

Description: V-Cillin K® (potassium phenoxymethyl penicillin, Lilly) is the potassium salt of V-Cillin® (phenoxymethyl penicillin, Lilly). This chemically improved form combines acid stability with immediate solubility and rapid absorption.

Indications: For the treatment of mild to moderately severe pneumococcal respiratory tract infections and mild staphylococcal skin and soft-tissue infections that are sensitive to penicillin G. See the package literature for other indications.

Contraindication: Previous hypersensitivity to penicillin.

Warnings: Serious, occasionally fatal, anaphylactoid reactions have been reported. Some patients with penicillin hypersensitivity have had severe reactions to a cephalosporin; inquire about penicillin, cephalosporin, or other allergies before treatment. If an allergic reaction occurs, discontinue the drug and treat with the usual agents (e.g., epinephrine or other pressor amines, antihistamines, corticosteroids).

Precautions: Use with caution in individuals with histories of significant allergies and/or asthma. Do not rely on oral administration in patients with severe illness, nausea, vomiting, gastric dilatation, cardiospasm, or intestinal hypermotility. Occasional patients will not absorb therapeutic amounts given orally. In streptococcal infections, treat until the organism is eliminated (minimum of ten days). With prolonged use, nonsusceptible organisms, including fungi, may overgrow; treat superinfection appropriately.

Adverse Reactions: Hypersensitivity, including fatal anaphylaxis. Nausea, vomiting, epigastric distress, diarrhea, and black, hairy tongue. Skin eruptions, urticaria, reactions resembling serum sickness (including chills, edema, arthralgia, prostration), laryngeal edema, fever, and eosinophilia. Infrequent hemolytic anemia, leukopenia, thrombocytopenia, neuropathy, and nephropathy, usually with high doses of parenteral penicillin. [PSIL730]

*equivalent to phenoxymethyl penicillin

Additional information available to the profession on request.

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The Carolina JOURNAL OF PHARMACY

September, 1975

Vol. LV No. 9

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DANIELS ASSUMES FULL OWNERSHIP OF TWO AHOSKIE PHARMACIES

Herman Hallet Daniels, Ahoskie, has assumed full ownership and president of Capps-Daniels Drug Company and Copeland Drug Company.

C. E. Wade, formerly associated with Copeland Drug Company, has retired.

Mr. Daniels will be assisted in the operation of the two pharmacies by Pharmacists Carl D. Taylor, who is vice president of both corporations, Michael Adams, pharmacist-manager of Copeland Drug Company, and Mrs. Neenie Whitehead.

Mr. Daniels is a 1952 graduate of the UNC School of Pharmacy. He is a member of the First Baptist Church of Ahoskie and a past president and lifetime member of the Ahoskie Jaycees. He has served on the board of directors of the Ahoskie Chamber of Commerce and is currently a member of the retail merchants committee.

TMA MEMBERSHIP ROLL

An up-to-date list of members of the Traveling Men's Auxiliary of the NCPhA for 1975-'76 appears on pages 22-23 and alternative pages thereafter thru page 33.

If desired, the pages may be removed from The Journal and attached to cardboard for a reference poster. On request, an extra copy of The Journal will be mailed without charge.

SEEKS TO REORGANIZE UNDER BANKRUPTCY LAWS

A petition has been filed in the U. S. Middle District Court at Greensboro seeking permission to reorganize under federal bankruptcy laws by Colonial Pharmacy, West Side Pharmacy, Guess Road Pharmacy and Parkwood Pharmacy, all of Durham.

The petition said the sole shareholder of the four drug stores is J. Claxton Harris, Jr. The court was asked to appoint a receiver since the drug stores are unable to pay their debts as they mature.

LOWMAN APPOINTED DIRECTOR OF PROFESSIONAL SERVICES, ECKERD DRUGS

Samuel E. Lowman, Jr., a graduate of the School of Pharmacy, University of North Carolina, has been appointed Director of Professional Services, Eckerd Drugs, Inc.

Mr. Lowman has been associated with Eckerd of Gastonia and Charlotte for the past seven years. His initial pharmacy work was with Bizzell's Pharmacy, Charlotte.

BURROUGHS WELLCOME COMPANY SUPPORTS PREDOCTORAL STUDY AT UNC SCHOOL OF PHARMACY

A grant of $6,365 was made by the Burroughs Wellcome Company to the North Carolina Pharmaceutical Research Foundation for support of the predoctoral training programs at the School of Pharmacy in the areas of medicinal chemistry and biopharmaceutics. The amount of the grant represents the annual requirements of a trainee studying for the Ph.D. degree and includes a stipend for the trainee, tuition and fees, supplies and equipment, and travel related to the trainee's research. In accepting the contribution, Dr. George P. Hager, Secretary of the Research Foundation pointed out that the Burroughs Wellcome grant, as grants from other companies for the same purpose, reflects the pharmaceutical industry's need for research manpower in the pharmaceutical sciences and the recognition of the high quality of the programs at the University's School of Pharmacy.

WATTS ELECTED CHAIRMAN

Jack Watts, Eli Lilly MSR, has been unanimously elected chairman of the Burlington City School Board.

Watts has been a member of the board for several years. He is a 1955 graduate of the School of Pharmacy, Univ. of South Carolina; is a past president of the Alamance County Pharmaceutical Association and the Graham Kiwanis Club.

EDITORIAL COMMENT
THE CHARLOTTE OBSERVER—JULY 25, 1975

Popping Pills

The Dangers Are Attacked

The most popular drugs on the market are tranquilizers, and the No. 1 best seller is a tranquilizer called Valium. This month Valium and its sister drug Librium, household words by now, finally came under government regulation.

The fight to put some control on the two Roche Laboratories money-makers has taken almost ten years, in spite of evidence that they could cause physical and psychological dependence and were implicated in automobile accidents, birth defects and even impotence.

Federal agencies did not set out, in 1965, to ban the tranquilizers—most doctors consider them safe and effective if properly used—but to impose tighter controls on prescribing, new safeguards against theft and more stringent record keeping. Because federal control calls attention to possible dangers, Roche Laboratories was willing to spend millions to fight restrictions on Valium and Librium.

The drug industry, it seems, can be more dangerous than its products. In the United States it can achieve a political power that one local doctor describes as "totally unprincipled."

For Roche Laboratories, the two tranquilizers have been a gold mine. Last year alone Valium grossed $550 million and Librium $120 million. That's a lot of pills: about 4 billion, enough for every child and adult in the United States to have a fistful. According to John Pekkanen, a drug-abuse student who gives a play-by-play account of the Great Tranquilizer War in a recent issue of The New Republic, 2 percent of this income goes to manufacturing and distribution of 98 percent to profit and promotion.

Roche came up before two federal agencies, the Food and Drug Administration and the Federal Bureau of Narcotics and Dangerous Drugs. Ruled against both times, it managed to drag out the case until August 1973, when, with its patents running out, the firm submitted. It was nearly two years—July 2—before controls went into effect.

When amphetamines went under government control, their use dropped noticeably. But amphetamines went into a stricter category, along with drugs like codeine, morphine and opium.

Tranquilizers are a phenomenon of our times. They work on the central nervous system, in ways not entirely understood, to reduce anxiety and aggressiveness, relax tensions and level off emotional ups and downs. Perhaps they work too well. We need to raise some anxiety and be more aggressive about getting 2 cents worth of medicine and 98 percent snake oil.

SCHEDULE IV DRUGS

The Drug Enforcement Administration has placed these drugs on Schedule IV of the Controlled Substances Act:

Librium—Roche

Valium—Roche

Tranxene—Abbott

Serax—Wyeth

Dalmane—Roche

Clonopin—Roche (to be introduced)

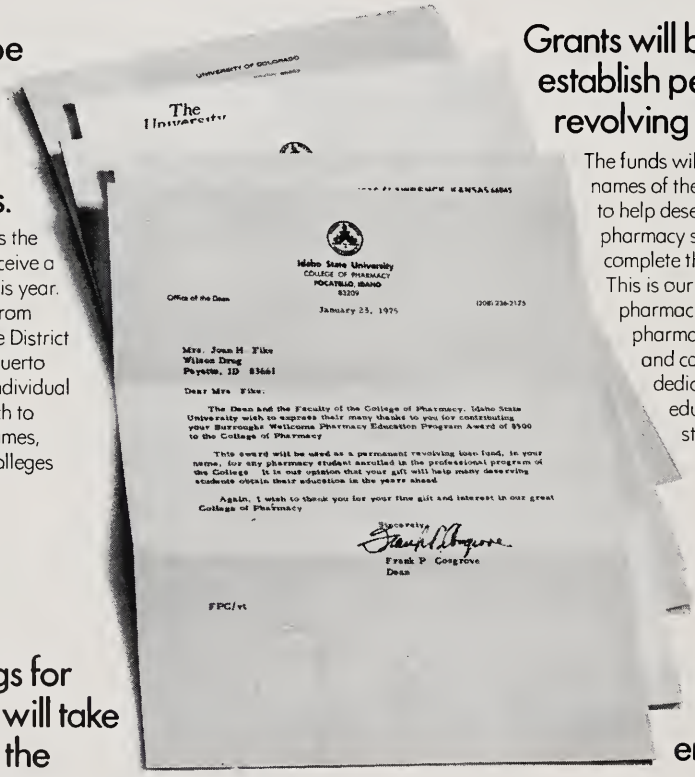
Prescriptions for Schedule IV drugs may be refilled five times, when so authorized, within six months. Prescriptions already on file for these drugs expire six months after the date of issue, not six months after the July 2 effective date.

Burroughs Wellcome Co. wants to provide a grant to the pharmacy college of your choice

WE'RE DOUBLING THE OUR ANNUAL PHARMACY

You can be one of 104 winners.

104 winners across the nation who will receive a total of $52,000 this year. Two pharmacists from each state, plus the District of Columbia and Puerto Rico, will receive individual grants of $500 each to present, in their names, to the pharmacy colleges of their choice.



Idaho State University
COLLEGE OF PHARMACY
POCATELLO, IDAHO
83209

Office of the Dean

(208) 236-2125

January 23, 1976

Mrs. Joan H Fike
Wilson Drug
Payette, ID 83661

Dear Mrs Fike:

The Dean and the Faculty of the College of Pharmacy, Idaho State University wish to express their many thanks to you for contributing your Burroughs Wellcome Pharmacy Education Program Award of $500 to the College of Pharmacy

This award will be used as a permanent revolving loan fund, in your name, for any pharmacy student enrolled in the professional program of the College. It is our opinion that your gift will help many deserving students obtain their education in the years ahead.

Again, I wish to thank you for your fine gift and interest in our great College of Pharmacy

Sincerely,
Frank P Cosgrove
Dean

FPC/vt

Grants will be used to establish permanent revolving loan funds.

The funds will be in the names of the pharmacists, to help deserving pharmacy students complete their studies. This is our way of joining pharmacists, and future pharmacists, in active and continuing dedication to high educational standards.

Drawings for winners will take place at the NARD Convention.

The convention will be held October 12-16, in Miami, Florida. You don't have to be there to be a winner.

Watch your mail for your entry blank

It will arrive soon, along with further details. The response to last year's program was extremely gratifying. This year we're offering twice as many grants, and twice as much award money.

1974 DONATIONS OF EDUCATION PROGRAM

The Burroughs Wellcome Pharmacy Education Program, now in its second year, is one of the newer expressions of our time-honored commitment to service, research, academic endowment and pharmacy education.



Another recent contribution that we're proud of is our weekly "Salute to Pharmacy" commercial during MEDIX, the new medical documentary series appearing on national T.V.

Other B.W. Co. programs for pharmacy include the Burroughs Memorial Fellowship and the Wellcome Memorial Fellowship, granted for field work in pharmacy; the provision of summer employment for undergraduate pharmacy students at our production facilities in Greenville, North Carolina; the distribution of news, important to practicing and student pharmacists, through the periodical *Wellcome Trends in Pharmacy*, and a 24-hour hotline operated by our 37-member Medical Department.

The foundation of our rapport with pharmacists, of course, is our reputation for quality products at reasonable cost, backed by pharmacy support, research, and service.



All registered pharmacists throughout the country are eligible to take part in this program, and entrants will receive an attractive Wellcome Tablet Tray.

The 1974 Pharmacist-Winners of the Burroughs Wellcome Pharmacy Education Program

Alabama
Charles R. Adcox
Auburn Univ.

Alaska
Charles W. Young
Oregon State Univ

Arizona
Bernard H. Bjorm
Univ. of Arizona

Arkansas
Ann Bramble
Univ. of Arkansas

California
Michael J. Dru
Univ. of South. Calif

Colorado
Arthur R. Grovert
Univ. of Colorado

Connecticut
Barry S. Lees
Univ. of Connecticut

Delaware
Willard E. Gares
Temple Univ

District of Columbia
James D. Doyle
Univ. of Pittsburgh

Florida
P. R. Amato
Univ. of Florida

Georgia
Malvern S. Pace
Univ. of Georgia

Hawaii
Frank T. Saito
St. Louis School of Pharmacy

Idaho
Joan H. Fike
Idaho State Univ.

Illinois
William P. Henning
Univ. of Iowa

Indiana
Rick Larson
Butler Univ

Iowa
Chrystal E. Landou
Univ. of Iowa

Kansas
Pershing D. Frederick
Univ. of Kansas

Kentucky
Jerry D. Fraley
Univ. of Utah

Louisiana
Irby J. Hornsby
Northeast Louisiana Univ

Maine
John W. MacHardy
Mass. College of Pharm.

Maryland
C. Edward Pfeifer Jr.
Univ. of Maryland

Massachusetts
F. J. Skrzyniarz
Hampden College

Michigan
Joseph P. Hawkins
Ferris State College

Minnesota
Ronald Lavine
Univ. of Minnesota

Mississippi
Phyllis M. Moret
St. Louis College of Pharm

Missouri
William Gough
Univ. of Missouri-K.C.

Montana
Ervin S. Thoreson
Univ. of Montana

Nebraska
Kathy Sapp
Univ. of Nebraska

Nevada
Wendell L. Muir
Idaho State Univ

New Hampshire
Bradley Whitney
Mass. College of Pharm

New Jersey
Richard H. Dilzer
Rutgers College of Pharm.

New Mexico
Robert L. Jackson
Univ. of N.M. College

New York
Phillip G. Cupo
St. John's College of Pharm

North Carolina
Jerry A. Bridgers
Univ. of N.C. School of Pharm

North Dakota
Arthur Raeshke
N.D. State School of Pharm

Ohio
Howard Tongeman
Ohio Northern U

Oklahoma
J. T. Sanders
Southwestern State School of Pharm

Oregon
Neil O. Johnson
Montana State Univ

Pennsylvania
Bernard Grossman
Temple Univ

Puerto Rico
G. H. H. Rivera
Univ. of Puerto Rico

Rhode Island
Mario Casinelli, Jr.
R.I. College of Pharm

South Carolina
Johnny T. Wilkins
Univ. of South Carolina

South Dakota
Herman P. Baukol
Univ. of Arizona

Tennessee
Gordon Wakefield
Univ. of Miss

Texas
Charles F. Taylor
Univ. of Texas

Utah
Earl Woodall
Univ. of Utah

Vermont
James Marmar
Albany College of Pharm

Virginia
Anne Knapp
Medical College of Virginia

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Richard Doane
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Wisconsin
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NEW PHARMACIES

The Medicine Shoppe, 1220 Hay Street, Suite B, Fayetteville. George O. Markham, pharmacist manager.

Triangle Pharmacy, Inc., Chapel Hill-Nelson Highway 54, Durham 27707. Joseph G. Smith, Jr., pharmacist manager.

K Mart Pharmacy, 4 S. Tunnell Road, Asheville 28805. Robert T. Whitaker, pharmacist manager.

Red Cross Pharmacy, Inc., 908 D Street, North Wilkesboro 28605. Richard G. Brame, pharmacist manager.

The Treasury Drug Center, 230 South Square Shopping Center, 4001 Chapel Hill Blvd., Durham 27705. Patricia C. Giddings, pharmacist manager.

Village Pharmacy, 501 Walnut Street, Waynesville 28786. James H. Winfree, pharmacist manager.

INSTITUTIONAL

Whitakers Pharmacy LP, Railroad Street, Whitakers. C. Foy Bradshaw, pharmacist manager.

CHANGE IN OWNERSHIP

Carolina Rexall Drug Company, Inc., 115 East Center Street, Mebane. Phillip D. Minton, pharmacist manager.

RECIPROCITY

David Norman Cox *from Virginia*
Susan Elizabeth Kiser *from South Carolina*
James Lee Ortman *from Illinois*
John Arthur Schwartz *from Indiana*
Donald George Sellner *from Nebraska*
Robert Allen Tamplin *from Virginia*

TRIANGLE PHARMACY OPENS

J. G. "Chip" Smith and Charles de Bruyne, both graduates of the UNC School of Pharmacy, have opened the Triangle Pharmacy on N. C. 54 in the Research Triangle Park near Parkwood.

Smith graduated from UNC in 1965; de Bruyne in 1970. In recent years, they have been employed by the Kerr Drug Stores of Durham.

COLONIAL DRUG CHANGES LOCATION

Colonial Drug Store, Elizabeth City, has switched its location from the Medical Building on North Road Street to a new building about 200 yards up the road.

William Medlin, pharmacist owner/manager, said the limited space in original location dictated move to larger quarters (about 2200 square feet of area).

Rx #1,000,000

When Mrs. Lillian Greene walked into Kings Mountain Drug Company on July 2 to have a prescription filled she had no idea her's would be #1,000,000.

Not included in the total Rxs is refills (approximately one million) and 187,000 Narcotic/Class II prescriptions.

Kings Mountain Drug Company was established in the early 20's; sold to Don Blanton and John McGill in 1937 and operated today by a partnership of Pharmacists C. D. Blanton, Jr. and Howard Lutz.

INCORPORATIONS

Cape Fear Pharmacies of Fayetteville, N. C., Inc., 114 Rown Street, Fayetteville. Incorporators: James M. Carroll, Radford H. Rich and George O. Markham.

OWNERSHIP CHANGE IN MEBANE

Effective July 1, Mast Drug Company of Henderson became the owner of Mebane's Carolina Drug Company. Phil Minton, an employee of the pharmacy for the past three years, is the pharmacist-manager of Carolina Drug Company.

The former owner, Marion B. McCurdy, is now associated with the Kerr Drug Stores of Raleigh.

WE SERVICE THE PEOPLE WITH NO ROOM FOR ERROR AND NO TIME TO WAIT.

Every customer is demanding, but among the most demanding are hospital pharmacists—the folks with no room for error and no time to wait.

With life and death on the line every hour of every day, we service and satisfy their needs. So it stands to reason if we can satisfy their needs, we can do the same for your pharmacy. To meet these demands, we've implemented our DATAREX® Service as a continuous inventory control for day-by-day stocking of all essential requirements. And when emergencies arise, we've made provisions for that, too. Needless to say, a service like this has caught on.



Today more and more hospitals are turning to Gilpin. But we understand there's no room for error and no time to wait in your pharmacy either.

THE HENRY B.
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Wholesale druggists since 1845.



Graduating Class, School of Pharmacy, UNC, Chapel Hill, N. C. May 11, 1975

PHARMACY GRADUATES
SCHOOL OF PHARMACY, UNIVERSITY OF NORTH CAROLINA

The picture appearing on the opposite page was made on May 11, 1975 immediately following the pharmacy graduation ceremony in Hill Music Hall.

Allison, Cheryl Miller
Austin, Steven Preston
Aycock, Danny Wayne
Bambauer, Julia Wallace
Bass, Nancy Gail
Biggs, Stephanie
Bishop, Mary Ann
Blackburn, Daryl Madison
Blackburn, Linda Bell
Blackburn, Vicki Louise
Blake, Rory Powell
Blanchard, Jeffrey Galen
Bradish, Sandra McClure
Brady, Benjamin Wesley
Bright, Harry Andrew
Brinkley, Charles Franklin
Brown, Linda Gail
Burgess, Becky Jo
Burrowes, Helena White
Bynum, Terry Dennis (8/12/74)
Calhoun, John Steven
Cameron, Marcus Frederick
Cannon, John Lee
Champion, Peter Wilson
Clark, Catherine Carter
Claytor, Patricia Lynn
Clinard, William JoDan (8/12/74)
Collie, Walter Bernard
Cranfill, James Smoot
Crawford, Elmer Wilson, Jr.
Crawford, Mary Bayliss
Creech, Otis Wayne
Cress, Danny Jeremiah
Crosland, Paula Joy
Crumpler, Miles Stanley
Davis, Anne Garrett
Deweese, Jeffrey Kyle
Dixon, John Allen
Drum, David Charles (8/12/74)
Dunham, Bruce Lee
Eason, Will Washington, III
Evans, Janeth Eleanor
Evans, Steven Craig
*Finley, Ann Heath
*Ford, Teresa Louise
Freeman, Douglas Doyle
*Fulcher, Nancy Joyce
*Furr, Melba Darlene
*Garris, Carolyn Ann
Gilliam, Nancy Turner
Hamilton, Jean Koch
Hargis, Gerald Wayne
Harrell, Catherine Boykin
Harris, Julian Walter
Heaton, Donald Alan
Hedrick, Norman Byard, Jr.
Higbee, Sidney Lee
Hoffman, David Alan
Holdorf, Richard Anthony
Jones, Steven Lee
Jones, Warren Rickman
King, William Thad, III
Knott, Randall Layne (8/12/74)
Kraycirik, Marianne Elizabeth (12/27/74)
Laughter, Ronnie Paul
Lee, Wing Sang
Leonard, Thomas Brantley
Levina, Susan Leigh
Long, Larry Stuart (8/12/74)
Lucas, Virgil Solomon
Mahrenholz, Scott Alan
Martin, William Earl
Mazarick, Mary McKay
McCormac, Michael Douglas
McGinnis, Keith Michael
McKinney, Richard Steven
McLellan, Larry Gene
McLemore, Edgbert Ray, Jr.
McMasters, Reed Craig
McPhaul, Richard Malcolm
Meadors, Walter Vernon
Mercer, Richard LeRoy
Merrill, William Andrew
Messer, Linda Susan (8/12/74)
Minton, Gene Winston
Morelock, Rebecca Turlington
Morgan, Kizer Dewitt, Jr.
Morrison, David Harley
Nemargut, William
Newton, Jean Irene
Nickens, Raymond Thomas
Nixon, Charles Everett (12/27/74)
Nswadi, Noe Nsayi (8/12/74)
Ogle, Ernest Ervin
Painter, Steven Blaine
Palmer, Mary Kathryn
Paoloni, Daniel Richard

Concluded on Page 13

...may change the way doctors treat or prevent potassium depletion

matrix with a mission

- ☐ Sugar-coated tablet has KCl within a wax matrix
- ☐ Designed to release KCl gradually
- ☐ More acceptable, more palatable, more convenient than liquids
- ☐ Major campaign launched in journals, mail, detailing
- ☐ Your CIBA Representative will call on you soon with complete data



new...Slow-K®

(potassium chloride) slow-release tablets 600 mg (8mEq)

Slow-K®
(potassium chloride) slow-release tablets

INDICATIONS
Slow-K is indicated for the treatment of potassium depletion in patients with hypokalemia and metabolic alkalosis, and for the treatment of digitalis intoxication. During therapy serum potassium levels should be monitored and the dosage titrated to achieve the desired clinical and laboratory effects.

Slow-K is also indicated for the prevention of potassium depletion when the dietary intake of potassium is inadequate for this purpose. The prophylactic administration of potassium ion may be indicated in patients receiving digitalis and diuretics for the treatment of congestive heart failure, hepatic cirrhosis with ascites, patients with hypertension on long-term diuretic therapy, hyperaldosteronism states with normal renal function, the nephrotic syndrome, and certain refractory states.

CONTRAINDICATIONS
Potassium supplements are contraindicated in patients with hyperkalemia since a further increase in serum potassium concentration in such patients can produce cardiac arrest. Hyperkalemia may complicate any of the following conditions: chronic renal failure, systemic acidosis such as diabetic acidosis, acute dehydration, extensive tissue breakdown as in severe burns, renal insufficiency, or the administration of a potassium-sparing diuretic (eg, spironolactone, triamterene).

Slow-matrix potassium chloride preparations have produced esophageal ulceration in certain cardiac patients with esophageal compression due to enlarged left atrium. Potassium supplementation, when indicated in such patients, should be with a liquid preparation.

WARNINGS
In patients with impaired mechanisms for excreting potassium, the administration of potassium salts can produce hyperkalemia and cardiac arrest. This occurs most commonly in patients given potassium by the intravenous route but may also occur in patients given potassium orally. Potentially fatal hyperkalemia can develop rapidly and be asymptomatic. The use of potassium salts in patients with chronic renal disease, or any other condition which impairs potassium excretion, requires particularly careful monitoring of the serum potassium concentration and appropriate dosage adjustment.

Hyperkalemia should not be treated by the concomitant administration of potassium salts and a potassium-sparing diuretic (eg, spironolactone or triamterene), since the simultaneous administration of these agents can produce severe hyperkalemia.

Potassium chloride tablets have produced stenotic and/or ulcerative lesions of the small bowel and deaths. These lesions are caused by a high localized concentration of potassium ion in the region of a rapidly dissolving tablet, which injures the bowel wall and thereby produces obstruction, hemorrhage, or perforation. Slow-K is a wax-matrix tablet formulated to provide a controlled rate of release of potassium chloride and thus to minimize the possibility of a high local concentration of potassium ion near the bowel wall. While the reported frequency of small bowel lesions is much less with wax-matrix tablets (less than one per 100,000 patient-years) than with enteric-coated potassium chloride tablets (40-50 per 100,000 patient-years), a few cases associated with wax-matrix tablets have been reported. These data are from foreign marketing experience. Slow-K should be discontinued immediately and the possibility of bowel obstruction or perforation considered if severe vomiting, abdominal pain, distention, or gastrointestinal bleeding occurs.

Hypokalemia in patients with metabolic *acidosis* should be treated with an alkalinizing potassium salt such as potassium bicarbonate, potassium citrate, or potassium acetate.

PRECAUTIONS
The diagnosis of potassium depletion is ordinarily made by demonstrating hypokalemia in a patient with a clinical history suggesting some cause for potassium depletion. In interpreting the serum potassium level, the physician should bear in mind that acute alkalosis *per se* can produce hypokalemia in the absence of a deficit in total body potassium, while acute acidosis *per se* can increase the serum potassium concentration into the normal range even in the presence of a reduced total body potassium. The treatment of potassium depletion, particularly in the presence of cardiac disease, renal disease, or acidosis, requires careful attention to acid-base balance and appropriate monitoring of serum electrolytes, the electrocardiogram, and the clinical status of the patient.

ADVERSE REACTIONS
The most common adverse reactions to oral potassium salts are nausea, vomiting, abdominal discomfort, and diarrhea. These symptoms are due to irritation of the gastrointestinal tract and are best managed by diluting the preparation further, taking the dose with meals, or reducing the dose.

The most severe adverse effects are hyperkalemia (see Contraindications, Warnings and Overdosage) and gastrointestinal obstruction, bleeding, or perforation (see Warnings).

OVERDOSAGE
The administration of oral potassium salts to persons with normal excretory mechanisms for potassium rarely causes serious hyperkalemia. However, if excretory mechanisms are impaired or if potassium is administered too rapidly intravenously, potentially fatal hyperkalemia can result (see Contraindications and Warnings). It is important to recognize that hyperkalemia is usually asymptomatic and may be manifested only by an increased serum potassium concentration and characteristic electrocardiographic changes (peaking of T-waves, loss of P-wave, depression of S-T segment, and prolongation of the QT interval). Late manifestations include muscle paralysis and cardiovascular collapse from cardiac arrest.

Treatment measures for hyperkalemia include the following: (1) elimination of foods and medications containing potassium and of potassium-sparing diuretics; (2) intravenous administration of 300 to 500 ml/hr of 10% dextrose solution containing 10-20 units of insulin per 1,000 ml; (3) correction of acidosis, if present, with intravenous sodium bicarbonate; (4) use of exchange resins, hemodialysis, or peritoneal dialysis.

In treating hyperkalemia, it should be recalled that in patients who have been stabilized on digitalis, too rapid a lowering of the serum potassium concentration can produce digitalis toxicity.

DOSAGE AND ADMINISTRATION
The usual dietary intake of potassium by the average adult is 40 to 80 mEq per day. Potassium depletion sufficient to cause hypokalemia usually requires the loss of 200 or more mEq of potassium from the total body store.

Dosage must be adjusted to the individual needs of each patient but is typically in the range of 20 mEq per day for the prevention of hypokalemia to 40-100 mEq per day or more for the treatment of potassium depletion.

HOW SUPPLIED
Tablets (pale orange, sugar-coated), each containing 600 mg potassium chloride (equivalent to 8 mEq potassium); bottles of 100 and 1000.

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Division of CIBA-GEIGY Corporation
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Rev. 8/7

2/5025 17

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Person, Richard Graham (12/27/74)
*Pilson, Janice Sue
*Poole, Susan Perry
Price, Thomas Winston, IV
*Reaves, Edna Patricia
*Rector, Melva Ann
*Riddle, Belinda Lovelace
*Ross, Sara Ann
*Rudd, Christine Copeland
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Shoffner, Thomas Philip
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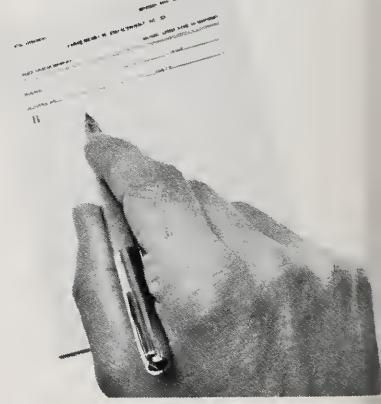
We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."



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Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

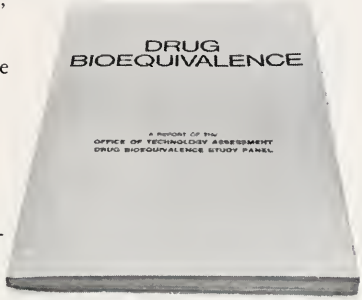
Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document:
(a) chemical equivalence; and
(b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or
(c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
Washington, D.C.
20005

P·M·A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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1975 PHARMACIST-OF-THE-YEAR

Wednesday evening
September 17, 1975
Social Hour - Six o'clock
Dinner - Seven o'clock

Ballroom
Hotel Concord
Concord, North Carolina
Informal

Mr. Pike was chosen by the North Carolina Pharmaceutical Association for this high honor, and announcement was made at the April 13th Dinner meeting of the 95th Annual Convention of the NCPhA.

Mr. Pike, operator of retail pharmacies in the Concord area, member of the North Carolina Board of Pharmacy and Executive Committee member of the National Association of Retail Druggists, is also active in his home town and county.

Speakers for the occasion include Willard B. Simmons, Chicago, Executive Secretary and General Manager of the National Association of Retail Druggists; L. D. Coltrane, III, President, Concord National Bank; W. H. Wilson immediate past-president of the NCPhA, who will present the Award. L. Milton Whaley, NCPhA President will preside. Hoy A. Moose, Mt. Pleasant, is local chairman for the event.

* * * * * * *

You may make your reservation for the dinner honoring Mr. Pike by returning the reply form below. You may also request overnight housing at the Colonial Motel, located on Highway 29 near Concord, by checking the indicated space below.

- -

TO: W. J. Smith, NCPhA, P. O. Box 151, Chapel Hill, North Carolina 27514

(1) Please reserve _____ places for the PHARMACIST-OF-THE YEAR Dinner at $5.00 each (wives and husbands of members are most cordially invited). My check made payable to NCPhA, is enclosed.

NAME _____

MAILING ADDRESS _____

_____ *ZIP* _____

(2) Please reserve a () single room or a () double-bedded room at The Colonial Motel, Concord, for night of September 17. Rooms must be reserved by September 10.

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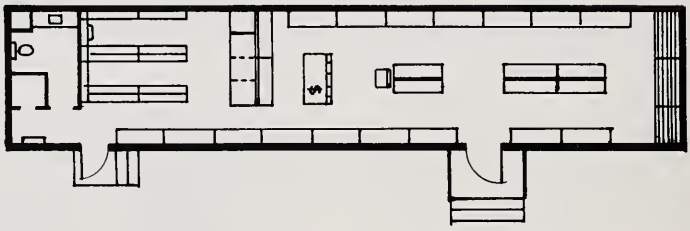
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The specially designed double-reinforced 12' x 60' unit has many standard features, including central air conditioning, furnace, fluorescent lighting, exterior wood siding, commercial-type glass door, and all interior Rx. Dept. and sales area fixtures and equipment. Optional features are also available, such as carpet and burglar alarm system.

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PROFILE: PAID RX'S PHARMACY CLAIMS PROCESSING

Here is a step by step explanation of what happens to your billing for payment after it arrives in Raleigh at Paid's headquarters, 1100 Navaho Drive. The copy was lifted from Paid's in-house publication: ALL IN THE COMPANY.

The Pharmacy Claims Processing Department began operation in late November, 1972. Since that time the operation has been refined and expanded to better handle the problems of administering the Pharmacy Section of the Title XIX Act for the State of North Carolina. We proudly lay claim to being the first operation of this kind in the entire United States.

Each month the 50 employees of this department batch, edit, code, microfilm, keypunch and file approximately 112,000 invoices from 1,250 pharmacies across North Carolina. The total number of prescriptions billed normally averages about 315,000 and totals 1.8 and 2 million dollars. In addition, there is an average of 15,000 prescriptions which require research or additional action by one or more of our sections before payment can be made, and 150 to 200 inquiry forms with questions from the pharmacists which must be researched with supplemental payments processed where necessary.

Ruth Hardman, Manager of Pharmacy Claims processing, is assisted by Janice Lynch, Supervisor of Quality Control; Barbara Newton, Supervisor of Claims (batch and edit responsibilities); Glenda Raynor, Supervisor of Claims (coding and manual pricing responsibilities); and Helen Cox, Microfilming/Sequencing Operator. Shouldering the secretarial duties for this department is Laverne "Sis" Cramer. Administrative duties are handled by Lynne Cummings, Administrative Assistant-Pharmacy Program and Frank Yarborough, Acting Project Director.

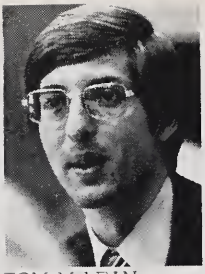
These functions are supplemented by the Peer Review Department which employs six people. Cases of overutilization and abuse come to light here. Constant communication with the pharmacists and prescribing physicians flows to and from this area. (You will hear more about this department in a future issue.)

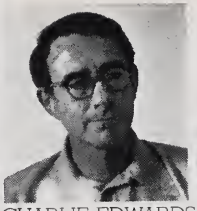
For a moment, pretend you are a claim. Here are some of the things that could happen to you. Some good—some bad! You would arrive in an envelope that has probably been folded, smashed and otherwise multilated by the Postal Service. After being rescued from near destruction, you might possibly wind up on the desk of any one of the people mentioned above during your journey from the envelope to the file box where you would spend your remaining days. You could receive brown marks, red marks, green or blue marks to your face and end up looking like a child that went crazy in the makeup cabinet. However, these marks have a purpose. They will help you get paid to the correct pharmacy that is (patiently?) waiting. The worst thing that could happen to you is to be sent back to the pharmacy, UNprocessed. This means you are totally unacceptable to our system. The next worst thing is to have a code "78" marked on your face which means you are incomplete, but will be accepted if your pharmacy provides the missing information. One of the best things that could happen to you would be to receive your very own green National Drug Code which will tell your name and price to the computer. One thing for sure, you WILL receive an identification number which will be yours and yours alone. Heaven help you if you lose your number!

This fanciful description of claims processing depicts the various sections within the department and the fact that they all relate to one another and all play a vital role in getting claims paid. Technically, your trip would go something like this:

Received in *Mail Room*,
Sent to *First Edit* for counting, logging, partial edit & batching,
Passed along to *Second Edit* for more edit and "78" coding,
Forward to *Coding* for application of the National Drug Code and other codes to indicate compounded prescriptions and those for which no code is available,
Sent along to *Microfilm/Sequencing* to receive your "ID" number and be put on film,

(Continued on Page 39)


TOM McLEAN


CHARLIE EDWARDS


OLGIE TARR


JAMES TEACHEY


KEN MC ARTHUR


WALKER CRUMP


JOHN HARRISON


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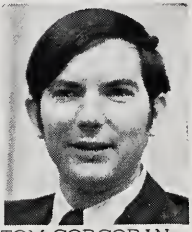

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NATIONAL ASSOCIATION OF RETAIL DRUGGISTS SAYS HEW'S DRUG-PAYMENT RULES "WILL WORK, IF . . ."

The following comments on the pharmacists-reimbursement provisions of the "Maximum Allowable Costs" program (MAC) announced Monday, July 28, by The Secretary of the Department of Health, Education and Welfare for drug prescriptions under Medicare and Medicaid were made by Willard B. Simmons, executive secretary of the National Association of Retail Druggists:

"Speaking for the pharmacist owners of the 30,000 independent drugstores which fill more than 70 per cent of the prescriptions in this country, we believe the provisions that HEW has adopted for reimbursing pharmacists dispensing drugs to patients under Medicaid and Medicare programs can be made to work in the best interests of all concerned, the patient, the public and the pharmacist, if certain economic pitfalls are avoided.

Problem Areas

"HEW's decision to reimburse pharmacists on the basis of either their usual charges to the general public or the cost of buying drugs, as estimated by HEW, plus a State-set dispensing fee, whichever is smaller, goes along fairly well with the traditional methods of pharmaceutical health-care delivery. However, we plan to watch the actual implementation of two aspects very carefully for they can make or break the program.

Discriminatory Differential Pricing

"Estimating costs fairly may be very difficult to do without severely penalizing some pharmacies and giving huge windfall profits to others. Some drug manufacturers continue to pursue highly discriminatory pricing policies whereby small neighborhood drugstores have to pay far more for the same drug than do large corporate chains and mass merchandisers. Many drug companies have modified or abandoned differential pricing. But where it still exists, any estimated cost set by HEW can't help but be discriminatory. If these new regulations help lead the holdout manufacturers to change their policies, then they are a good thing.

Inadequate Dispensing Fees

"The provision to let state Medicaid programs set their own dispensing fees is good in principle, because economic conditions vary widely from state to state. However, the average of about $1.85 per prescription presently being allowed under these programs is far too low. This does not cover the full cost of providing even adequate service.

"Low dispensing fees 'rip off' the consumers as well as the pharmacist. They encourage assembly line dispensing of prescriptions at the expense of adequate counseling of the patient. This is especially of concern with Medicaid patients who as a group are more apt to misunderstand directions or misuse drugs, unintentionally perhaps, than any other group.

Counselling Necessary

"Tragically, Medicaid patients are those least apt to ask questions about the drugs they take and the ones who most need the personal attention of a concerned pharmacist, not just a sales clerk. A large percentage of hospital admissions can be traced to improper use of prescription drugs, through ignorance.

"While the anti-trust laws prohibit pharmacists as a group from negotiating specific dispensing fees (although unions, insurance companies, Blue Cross associations, and the government itself can negotiate), we urge that the state Medicaid programs make much more adequate provisions for providing the pharmaceutical services needed to ensure that the prescribed medication is properly used by the patient. The physician gets paid whether or not the patient takes the medicine; it's up to the pharmacist to make sure the patient does so properly, and he should be compensated adequately for this necessary counselling.

DOUGLAS M. BOLLS

Douglas M. Bolls has been appointed to the position of Assistant to the Sales Promotion Coordinator, Burroughs Wellcome Company, Research Triangle Park.

Mr. Bolls received an undergraduate degree in microbiology from California State Polytechnic College in Pomona, California and a graduate degree in microbiology from San Diego State College in 1968.

He joined Burroughs Wellcome in 1970 as a sales representative in Los Angeles. He was promoted to Senior Representative in Hawaii in 1973.

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KENDALL DRUG CO.	C. Rush Hamrick, Jr.	Box 1060, Shelby, N. C., 28150
KENDALL DRUG CO.	C. Rush (Rusty) Hamrick III	Box 1060, Shelby, N. C. 28150
KENDALL DRUG CO.	Gordon G. Hamrick	Box 1060, Shelby, N. C. 28150
KENDALL DRUG CO.	Hartwell M. Smith	509 W. Dixon Blvd., Shelby 28150
KENDALL DRUG CO.	James A. Wolfe	4236 Waterbury Dr., Charlotte, N. C. 28209
KING SEELEY THERMOS CO.	Albert C. Greene, Jr.	P. O. Box 1804, Burlington, N. C. 27215

Continued on pages 25-27-29-31-33

DISASTERS
Major and Minor

DUNN

Butler & Carroll Drug Company—For the third time this year thieves broke into the pharmacy, ripped open the pharmacy's safe and removed cash and CS drugs. An in-pharmacy department (watches/jewelry) lost merchandise valued at $5000 in same robbery.

MOUNT AIRY

Lamm Drug Company—Two teenagers were arrested in the pharmacy after officers found the back door open. The breakin was #2 for the pharmacy in two weeks.

NASHVILLE

Nashville Drug Company—Three Maryland men have been charged with attempted breaking and entering the pharmacy. At the time of the attempt, the store manager was working in the pharmacy's office. He called police who made the arrest.

CANDLER

Valley Drug Store—An 18 year old Asheville youth was given five years probation and ordered to pay Pharmacist Wilbur Ward $100. The youth was charged with taking $87 from Ward with a firearm on February 25.

HIGH POINT

Mann Drug Warehouse—Two armed men wearing ski masks robbed the warehouse of an unknown (at time of report) quantity of drugs plus cash and an automobile belonging to a night watchman.

KINGS MOUNTAIN

Griffin's Drug Store—In what has been termed a "professional job," safecrackers took approximately $3000 in cash and an undetermined amount of drugs from Griffin's on July 8.

Entrance was gained through a vent in the roof. From the attic, the thieves stomped a hole in the ceiling and entered the second floor of the drug store where they broke open the door to the drug supply storage room, took some drugs, then ripped open a safe in the office area.

MOUNT AIRY

Lamm Drug Company—A burglar, or burglars, first set up Lamm Drug for robbery by taking the store's burglar alarm along with cash and drugs.

WILMINGTON

Seashore Drugs—A burglary alarm alerted police officers to a robbery of the pharmacy at 4 a.m. The loss amounted to $80.00.

FAIRMONT

Fairmont Drug Company—A quantity of drugs was stolen from the pharmacy in an early July robbery. In late April, the pharmacy experienced a similar-type robbery.

GASTONIA

Prescription Center Pharmacy—For breaking and entering the pharmacy, Danny Keith Metcalf of Bessemer City received a 2-year suspended jail term with three years of probation and a fine of $300 in addition to reimbursing the pharmacy for damages.

FOR AN INSTANT SOLUTION TO THE DRUG CRIME PROBLEM, SEE P. 35

W. H. KING DRUG (DIV. ICN)	Wade Barefoot	300 Florida Ave., Morehead City, N. C. 28557
W. H. KING DRUG (DIV. ICN)	W. T. Brinkley	2805 Geer St., Durham, N. C. 27704
W. H. KING DRUG (DIV. ICN)	Frank Butler	3020 Eton Rd., Raleigh, N. C. 27608
W. H. KING DRUG (DIV. ICN)	C. T. Byerly	2315 Sprunt St., Durham, N. C. 27705
W. H. KING DRUG (DIV. ICN)	A. F. Cannady	112 Gannon Ave., P. O. Box 306, Zebulon, N. C. 27597
W. H. KING DRUG (DIV. ICN)	Tom Clark	Rt. 4, Box 435, Yadkinville, N. C. 27055
W. H. KING DRUG (DIV. ICN)	Tom Cordle	4513 Connell Dr., Raleigh, N. C. 27612
W. H. KING DRUG (DIV. ICN)	Romie Darden	5161 Six Forks Rd., Raleigh, N. C. 27609
W. H. KING DRUG (DIV. ICN)	W. J. Evans	205 S. 16th St., Dillon, S. C. 29536
W. H. KING DRUG (DIV. ICN)	Douglas J. Finch	505 Gannon St., P. O. Box 505, Zebulon, N. C. 27597
W. H. KING DRUG (DIV. ICN)	W. Earl Foushee	1014 Stallings Rd., Durham, N. C. 27703
W. H. KING DRUG (DIV. ICN)	L. M. Hoots	Rt. 2, Box 456, Yadkinville, N. C. 27055
W. H. KING DRUG (DIV. ICN)	Charles L. Kimball	320 Northview Dr., Fayetteville, N. C. 28303
W. H. KING DRUG (DIV. ICN)	Zack W. Lyon	3825 Somerset Dr., Durham, N. C. 27704
W. H. KING DRUG (DIV. ICN)	Charles Manning	Rt. 5, Box 413, Washington, N. C. 27889
W. H. KING DRUG (DIV. ICN)	H. H. Montgomery	324 Buncombe St., Raleigh, N. C. 27609
W. H. KING DRUG (DIV. ICN)	Charles Puryear	1300 Ivy Lane, Raleigh, N. C. 27609
W. H. KING DRUG (DIV. ICN)	Tom Sanders	4747 Wedgewood St., Raleigh, N. C. 27612
W. H. KING DRUG (DIV. ICN)	Paul E. Sharpe	4112 Windsor Place, Raleigh, N. C. 27609
W. H. KING DRUG (DIV. ICN)	George Wall	Rt. 1, Box 161, Rolesville, N. C. 27571
W. H. KING DRUG (DIV. ICN)	J. C. Warren	900 Glenwood Ave., Raleigh, N. C. 27605
KREMERS-URBAN LAB. INC.	Bruce R. (Dusty) Medlin	Rt. 2, Box 425J-1 Pine Oak Dr., Charlotte, N. C. 28210
LAWRENCE PHARMACEUTICAL, INC.	H. T. (Buddy) Harvey, Jr.	619 Barton St., St. Simons Island, Ga. 31522
LEDERLE LABORATORIES	Robert L. Knowles	308 White Oak Dr., Cary, N. C. 27511
LEDERLE LABORATORIES	R. J. (Bob) Merritt	3900 Oak Park Road, Raleigh, N. C. 27612
LEDERLE LABORATORIES	M. E. (Ed) Stringfield	1118 Edenwood Drive, Winston-Salem, N. C. 27103
LEDERLE LABORATORIES	C. B. Tyson, Jr.	610 Ashe Avenue, Cary, N. C. 27511
ELI LILLY AND CO.	James H. Hudson	P. O. Box 628, Norcross, Ga. 30071
ELI LILLY AND CO.	A. L. Moir	4260 Briarcliffe Rd., Winston-Salem, N. C. 27106
ELI LILLY AND CO.	David F. McGowan	803 Old Mill Rd., Chapel Hill, N. C. 27514
ELI LILLY AND CO.	Jack G. Watts	444 Tarleton Ave., Burlington, N. C. 27215
ELI LILLY AND CO.	Charlie R. Yandell	P. O. Box 68, Pineville, N. C. 28134
McKESSON-ROBBINS, INC.	Bobby D. McDaniel	1010 Lansdowne Rd., Charlotte, N. C. 28211
McKESSON-ROBBINS, INC.	Charles W. Haigler	P. O. Box 9587, Charlotte, N. C. 28205
McKESSON-ROBBINS, INC.	W. Ben Hawfield	2001 Brandon Circle, Charlotte, N. C. 28211
McKESSON-ROBBINS, INC.	Tobie K. Steele	2431 Randolph Rd., Charlotte, N. C. 28207



TAR HEEL DIGEST

RALEIGH—William L. Scarboro, merchandising manager for the Kerr drug stores, reported settlement of a strike at the Streeter Fixture Company, Minnesota, would speed up the opening of three new operations in Durham, Raleigh and Cary.

KINGS MOUNTAIN—Roy Craft has assumed the duties of pharmacist/manager of Smith Drug located in the KM Plaza Shopping Center.

HIGH POINT—David A. Dowdy, Jr., chairman of the Chamber of Commerce Agriculture Committee, presided at the 29th Annual High Point Stock Show and Sale. Mann Drug Stores purchased the grand champion (1085 pounds at $1 per pound) and donated it to the House of Prayer at Jamestown.

STANTONSBURG—Pharmacist Rowland Strickland, Jr. has been named to a 28-member Wilson County citizens group to serve as a county-wide Educational Development Council, an advisory group for the Wilson County Interim Board of Education.

DURHAM—Norman B. Hedrick, Jr., a 1975 graduate of the UNC School of Pharmacy, has accepted a position with the VA Hospital in Durham. Hedrick served in the Army in Turkey and is a 1969 graduate of Catawba College.

HIGH POINT—Calhoun Drug Store has moved from 1231 Montlieu Avenue (Five Points) to a new building near the hospital at Westwood and Boulevard.

GOLDSBORO

Former Goldsboro Mayor/Pharmacist Tommy Gibson has joined the pharmacy staff of Cherry Hospital.

WAYNESVILLE

Pharmacists Glenn McLeroy, a UNC Pharmacy graduate, and Bob Dolman, graduate of the University of Houston, have joined Smith's Drug Store.

JACKSONVILLE

Johnson Drug Company, Jacksonville's oldest drug store, has been expanded. The pharmacist owner, C. Louis Shields, says "we are trying to make this a more spacious drug store so that shopping will be easier."

KINGS MOUNTAIN

Pharmacist Charles Blanton has been named chairman of a committee with responsibility for rebuilding and revitalizing downtown Kings Mountain.

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MERCK SHARP & DOHME	W. P. Farthing	2040 Coniston Place, Charlotte, N. C. 28207
MERCK SHARP & DOHME	Daniel W. Miller	2611 Bennington Rd., Fayetteville, N. C. 28303
MERCK SHARP & DOHME	William E. Sutton	P. O. Box 1451, Wilmington, N. C. 28401
MERRELL-NATIONAL LAB	W. Forest Matthews	2509 Kenmore Dr., Raleigh, N. C. 27608
MERRELL-NATIONAL LAB	Walter A. Wardlaw	4870 Dorset Road, Winston-Salem, N. C. 27107
MERRELL-NATIONAL LABS	Bert James	430 Rogers Lane, Raleigh, N. C. 27610
MYERS INDUSTRIES INC.	Dale E. Biehler	816 W. 24th St., Newton, N. C. 28658
N. C. MUTUAL WHOLESALE DRUG COMPANY	R. Wayne Garrett	Rt. 4, Box 430, Hillsborough, N. C. 27278
N. C. MUTUAL WHOLESALE DRUG COMPANY	Preston Hall	Box 411, Durham, N. C. 27702
N. C. MUTUAL WHOLESALE DRUG COMPANY	D. E. Tilley	2702 Cooksbury Dr., Durham, N. C. 27704
N. C. MUTUAL WHOLESALE DRUG COMPANY	Thomas H. Mangum	3503 Eastis Dr., Box 411, Durham, N. C. 27702
N. C. MUTUAL WHOLESALE DRUG COMPANY	Joe E. McCorkle	416 Clarion Dr., Box 411, Durham, N. C. 27702
N. C. MUTUAL WHOLESALE DRUG COMPANY	Ken Neal	513 Oakland Dr., Burlington, N. C. 27215
N. C. MUTUAL WHOLESALE DRUG COMPANY	William V. O'Quinn	3522 Gooch Rd., Box 280-C, Durham, N. C. 27704
NORWICH PHARMACEUTICAL	Ralph P. Rogers, Jr.	1513 Sycamore St., Box 411, Durham, N. C. 27702
NORWICH PHARMACEUTICAL	Thomas H. Gray	213 Kensington Rd., Greensboro, N. C. 27403
R. J. NYBERG CO.	James E. North	308 Shepherd St., Raleigh, N. C. 27607
OWENS-ILLINOIS GLASS	Robert J. Nyberg	532 Harvard St., Raleigh, N. C. 27609
OWENS, MINOR BODEKER DRUG CO.	Leonard G. Phillipps, Jr.	3107 Sylvan Rd., Atlanta, Ga. 30354
OWENS, MINOR BODEKER DRUG CO.	Robert A. Boone	408 Emerson Dr., Raleigh, N. C. 27609
OWENS, MINOR BODEKER DRUG CO.	Wm. Frank Fife	Box 270, Wilson, N. C. 27893
OWENS, MINOR BODEKER DRUG CO.	Ray Howell	3500 Westridge Circle Dr., Rocky Mount, N. C. 27801
OWENS, MINOR BODEKER DRUG CO.	D. J. (Pete) Matthews	P. O. Box 270, Wilson, N. C. 27893
OWENS, MINOR BODEKER DRUG CO.	Lee Whittle	603 Hooks River Rd., Goldsboro, N. C. 27530
OWENS, MINOR BODEKER DRUG CO.	Cecil Williamson	502 N. 25th St., Wilmington, N. C. 28401
PARKE-DAVIS & CO.	Joseph E. Gillespie	5015 Shamrock Dr., Raleigh, N. C. 27612
PARKE-DAVIS & CO.	G. C. Hartis	24 Gloria Ave., Winston-Salem, N. C. 27107
PARKE-DAVIS & CO.	James L. Holloway	Rt. 3, Box 334-AA, Wilmington, N. C. 28401
PARKE-DAVIS & CO.	N. E. Hood, Jr.	464 Liberty St., Rock Hill, S. C. 29730
PENNWALT CORP.	Sam D. Garrard	3604 Wheaton Place, Raleigh, N. C. 27609
PENNWALT CORP.	Reid W. Sandford	521 Park Terrace, Greensboro, N. C. 27403
THE PFEIFFER CO.	L. D. Davidson, Sr.	P. O. Box 448, Mauldin, S. C. 29662

A GRAPHIC PROFILE OF NASHVILLE'S MAYOR: PHARMACIST REX PARAMORE

by Saravette Trotter, Nashville (NC) Graphic

Like many an officeholder before him, Rex Paramore thought when he became mayor of Nashville in 1968 that he could accomplish what he wanted overnight.

He found it wasn't so.

"You have to worry along with things and sometimes it's a couple of years before what you want to see accomplished comes about. But if you're patient and rock along, it usually works out."

A pharmacist, and owner of Ward Drug Company in Nashville, his only political experience, prior to becoming mayor, was one two-year term on Nashville's Town Board.

Paramore was born in Plymouth in 1928 when his father headed the local Chamber of Commerce. The family moved frequently during his childhood and finally settled in Raleigh.

He was graduated from Needham Broughton High School in 1945 and from the School of Pharmacy at the University of North Carolina in 1949.

It had never crossed his mind to be anything but a pharmacist, he admits.

"I started working at Pop Womble's Drug Store in Plymouth—it's still there, incidentally—when I was 11.

"I was stock boy, soda jerk and general cleanup man. I made the fire in the pot-bellied stove each morning before school, and shaved the ice with the hand shaver. And liked it right from the beginning.

After finishing UNC he worked several years at Five Points Pharmacy in Raleigh. In 1953, he bought Ward Drug Company and moved to Nashville. "And I've been right here ever since."

Politics never occurred to him, however, until 1965 when several friends urged him to run for the Town Board.

"I didn't want to," he recalls. "I felt like I was too busy in my business. Still do, as a matter of fact. But they had a hard time back then getting people to run, so I told them I would."

TWO CONTROVERSIES

He was involved in two controversies during his term, he remembers.

"I was the only one to vote against annexing Brooklyn, a black community south of Nashville. I felt we weren't able to give the people the services they needed at that particular time."

The second occurred during debate over where to locate the town's sewage disposal plant.

"There were those who thought it should go west of town, where the recreation center is now.

"Now most communities do grow west," he observes. "But the U.S. 64 Bypass cut off our development in that direction. And with Rocky Mount to the east, I felt that we would end up going in that direction. Several studies, one of them done by the state, backed me up, saying the plant should go downstream on Stony Creek.

"It was a major dispute back then," he recalls with a smile. "It cost about $50,000 more to put it on the east, but I've never regretted advocating it."

He became mayor in 1967.

"Milton Strickland, who was mayor at the time, had done an excellent job," he maintains.

"He'd gotten us a new sewage plant as well as a large water tower. It had involved a $300,000 bond issue, which was quite an un-

(Concluded on Page 30)



Rex A. Paramore
Photo by The Nashville Graphic

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RITA-ANN DIST. CO.	Anlaug S. Laursen	16 C. Hunt Club Rd., Greensboro, N. C. 27410
RITA-ANN DIST. CO.	G. L. Smith	9910 Breslin Dr., Chesterfield Court House, Va. 23832
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A. H. ROBINS CO.	James M. Paris	P. O. Box 622, Aberdeen, N. C. 28315
A. H. ROBINS CO.	Larry M. Rhye	604 S. Magnolia St., Mooresville, N. C. 28115
ROCHE LABS	C. G. Lamb	4805 A Walden Ct., Raleigh, N. C. 27609
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SCHERING CORP.	James R. Willis	5210 Pine Way, Durham, N. C. 27705
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SCOTT DRUG CO.	Oren H. Baucom	4133 Seaforth Dr., Charlotte, N. C. 28205
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SCOTT DRUG CO.	Carlos Fry	Box 652, Carthage, N. C. 28327
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SCOTT DRUG CO.	Ronald M. Glover	P. O. Box 10627, Charlotte, N. C. 28201
SCOTT DRUG CO.	I. E. Helms	Box 22, North Wilkesboro, N. C. 28659
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SMITH WHOLESALE DRUGS	Carrol Riddle	Rt. 1, Tryon, N. C. 28782
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DR. T. C. SMITH CO.	W. H. Worley, Jr.	45-31st. Ave., N.W., Hickory, N. C. 28601

NASHVILLE'S MAYOR

dertaking for a town this size. It marked the beginning of the growth the town has enjoyed.

"But I thought maybe because I was a little younger, I could offer a different slant on things. Anyway, I decided to give it a try."

He is now in his eighth year as mayor. And in spite of some of the things he's had to "worry along with," they have been fruitful years.

"It was my belief then, and is now, that Nashville should grow. But I wanted it to be a planned and orderly growth that would avoid the higgeldy-piggeldy development you see in some towns, and the slums that soon go along with that kind of growth.

SECOND BOND ISSUE

His first move was to promote a second bond issue to extend water and sewer lines into the areas east and southeast of town, then into other areas that began to open up.

The Town Board has been criticized, he admits, for letting the developer, prior to annexation, bear most of the costs involved in opening up these new areas.

"But it's been of benefit to the town," he insists.

"The population has increased by a third in the last eight years. Our budget has gone from $150,000 to $500,000. Yet we haven't had a tax increase in four years."

His yardstick for growth is the town's water meters. "We buy more in a month now than we used to buy in a year."

But the growth has been orderly, he insists, enabling the town to retain the small town atmosphere that makes it a pleasant place to live, "a sort of bedroom community for Rocky Mount and other large areas surrounding us."

His profession has changed as much as his town, observes Paramore, who has just been named to the executive committee of the North Carolina Pharmaceutical Association.

NEW DRUGS

"Seventy per cent of the drugs on my shelf today didn't even exist when I started as a druggist 25 years ago.

"I remember the first vial of penicillin I ever saw," he muses. "It was given orally in those days.

"We removed the penicillin from the vial with a syringe and placed it in a prescription bottle. Then we went up front and put it in a suspension of cherry smash to make it taste good.

But whereas the pharmacist used his hands far more in the old days, now he must use his head. "Or at least he must use it in a different way.

"For instance instead of just seeing one doctor, today a person will see two or three different specialists, each of whom will prescribe a different drug.

"It's up to the pharmacist to check his records—and his knowledge—to be sure the combination won't cause a harmful reaction.

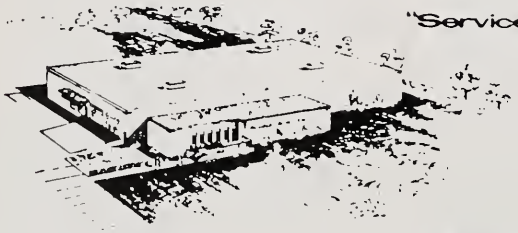
"You have to keep learning and changing. But that's what makes the profession so fascinating."

Asked whether he will seek another term as mayor, Paramore laughs and pleads "no comment."

"I really haven't decided and won't until August or so.

"But whatever happens, I've thoroughly enjoyed these last seven years—nearly eight, now.

"And when I ride around town and see the changes that have come about in the last decade, it makes me proud of all the people who have helped make it possible.



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TRITON WATER CO.	T. W. Cope	Box 6424, Greensboro, N. C. 27405
THE UPJOHN CO.	Robert C. Ferguson	2921 Greenbrook Way N.E., Atlanta, Ga. 30345
THE UPJOHN CO.	T. L. Walden	1004 Winona Rd., Raleigh, N. C. 27609
WALGREEN AGENCY	P. H. Ledford	P. O. Box 786, Dunn, N. C. 28334
WHITMANS CHOCOLATES	Ray McArtan	801 E. Morris Circle, Dunn, N. C. 28334
WHITMANS CHOCOLATES	Stan Perry	Rt. 3, Box 266-B, Charlotte, N. C. 28210
WINTHROP LAB. INC.	Kenneth H. Perry	P. O. Box 5515, Raleigh, N. C. 27607
WINTHROP LAB. INC.	Herman H. Robinson, Jr.	405 Fairfield Rd., Fayetteville, N. C. 28305
WYETH LAB.	Olin H. Welsh	P. O. Box 477, Cary, N. C. 27511
YOUNGS DRUG PRODUCTS	Henry A. Trudeau	3915 Winfield Dr., Charlotte, N. C. 28205



DEAR W. J.:

Seth and I and two other pharmacists here in Lexington were caught in a fraudulent Rx scheme. I thought you'd like to hear about it and pass it along to other pharmacists.

Monday, Seth got a long distance phone call from Baptist Hospital from a doctor who identified himself and asked if we stocked Dilaudid 2 or 4 mg. tablets. He stated that he had a patient who needed them and was having trouble getting a Rx filled in Lexington. Seth told him we had them so the doctor said he was writing a Rx for 60 tablets and the patient would pick them up in a little while. An hour or so later, a gentleman came in and asked for Mr. Miller. Seth had gone to lunch. The gentleman said he wanted to see only Mr. Miller. He came back a while later when Seth had returned . . . introduced himself and handed over the Dilaudid Rx. Seth immediately filled it thinking he has legal Rx having received the call earlier.

The next day, Mr. Moorefield, Pharmacist from Peoples Drug, happened to be in our store and saw the Rx. He wanted to know how we got that Rx. He stated he had a long distance call the day before from a doctor at Baptist Hospital and it looked to him as if we had filled a prescription intended for him. We immediately saw that we might have a fraud going. Seth called the doctor at Baptist Hospital for confirmation. The doctor did not know the patient and had made no phone calls to Lexington.

I went immediately to the Police Department. With the help of a detective there, we started calling other drug stores in Lexington. This same procedure had been repeated at two other drug stores in Lexington in seven days . . . same patient and address . . . both patient and address proved to be fictitious. The address was a vacant lot. Two other drug stores had received the same call . . . but the patient did not show up. At least he has not shown up yet.

At the time Seth got the call . . . he remarked that this doctor was really trying to be helpful to his patient . . . because we had never had a Dilaudid Rx for 60 tablets and would have probably turned it down without this prior phone call. What started out as a good helpful gesture just plain turned sour. All drug stores in Lexington and Welcome have been alerted and are just waiting for them to try it again. Maybe our problems will put another Pharmacist on his guard.

Cordially yours,
W. Stanford Tate
Community Drug Store, Inc.
Lexington, NC

SEQUEL (AUGUST 8)

Lexington police broke a chain of forged narcotic prescriptions when three plainclothes detectives apprehended a young Winston-Salem woman in People's Drug Store.

The arrest followed an alert set up by Lexington pharmacist who had allegedly received bonafide calls from Winston-Salem doctors relating to Dilaudid prescriptions.

Dear W. J.:

You may be interested in how not to handle a drug store robbery.

Last Friday two black men armed with 38 revolvers ordered Bracey to turn over all cash to them or they would kill him. Bracey refused. They were unable to open the electronic cash register, not knowing which button to push.

They then opened the safe but Bracey was able to push them away and lock the safe. They then demanded OBEDRIN and PRELUDIN after cocking the pistols. As they left the store, Bracey missed with a 30-30 rifle.

They were tracked with bloodhounds and caught within two hours (see page 35) with drugs and syringes.

Hilliard Bobbitt
Clinic Drug Store
Glen Alpine, N. C. 28628

("Bracey" is Hilliard's Pharmacist son)

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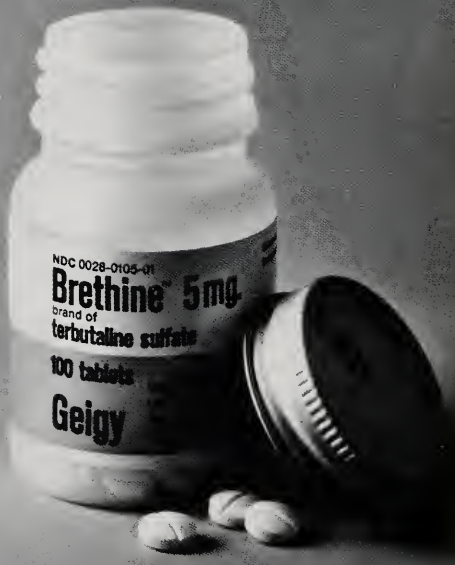


INSTANT SOLUTION TO THE DRUG CRIME PROBLEM—One could easily surmise from the picture (courtesy of The Morganton News-Herald) that the Burke County Sheriff's Department believes in old-style western justice—tie the suspects to the railroad track and await arrival of the train. More accurately, the deputies pictured nabbed the two suspects following robbery of the Clinic Drug Store, Glen Alpine, with an assist by bloodhounds who provided the standard clue—they went thataway.

New

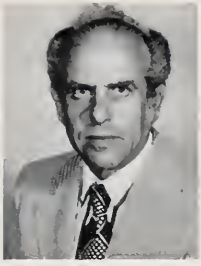
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CURRENT COMMENT
by Dr. Seymour M. Blaug, Dean
School of Pharmacy, University of North Carolina

WE NEED YOU

The final MAC regulations were released on July 28. In his preamble to the regulations HEW Secretary Weinberger told Medicaid agencies that prescription dispensing fees must be equitable. I prefer using the term professional fees rather than dispensing fees, but, regardless of what they are called, adequate fees are important because MAC regulations set up a basic system of reimbursing the pharmacist—cost of product plus professional fee. The Secretary of HEW recognizes that pharmacists may be receiving inadequate compensation for their professional services in dispensing drug products. Accordingly, he advises that, under upcoming Social and Rehabilitation Service (SRS) Medicaid regulations, state agencies will be required to conduct periodic surveys of the cost of dispensing drugs. In effect, pharmacy is being told that the Federal Government does not have the legal power to establish the professional fee to be paid by any state. However, with the backing of HEW and national pharmacy organizations, it will be up to state associations to work with local Medicaid agencies to obtain a reasonable fee. Eventually, the professional fee must stand on its own to compensate pharmacy for its service.

The point of this article is not a discussion of MAC regulations. Rather, it is to call to your attention the fact that ongoing studies will be needed in North Carolina to determine the actual cost of dispensing drugs if pharmacists are to receive adequate professional fees for their service.

The School is expanding its Division of Pharmacy Administration, not only to expand the course offerings for the undergraduate students in marketing, personnel and financial management, and community pharmacy operations, but the Division is prepared to conduct various studies throughout the State on pharmacy-related subjects. It is hoped that these studies will be helpful to employee and employer pharmacists and to pharmacy practice in general. Many of the studies will be conducted using mailed questionnaires in order to obtain specific information about pharmacies, pharmacists, financial data, pricing and purchasing policies, etc. The anonymity of the participants will always be preserved. Dr. Gagnon is conducting a study on fringe benefits received by employed pharmacists in North Carolina. Questionnaires have been mailed to every employee manager and employee pharmacist in the State. Dr. Chambers is working on a joint project with a health economist to investigate the role of pharmacist support personnel in the community pharmacy. At some point a mailed questionnaire will be required in order to obtain needed data. No questionnaires will be distributed without the approval of the NCPhA.

I solicit your cooperation in providing the data necessary for the success of these and other studies. Remember, it is much easier to approach agencies like Medicaid when you have data available to support your request.

NEW DIRECTORS FOR ECKERD (NC)

David H. Rankin, President of Eckerd Drugs, Inc. has announced that three additional directors were elected at the annual meeting of shareholders in Charlotte, North Carolina. The new directors are James E. S. Hynes, Joseph W. Lineberger and Lindsay C. Warren, Jr.

Mr. Hynes is President of Hynes Sales Company, Charlotte, North Carolina which acts as sales agent for various national manufacturers.

(continued on Page 39)

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. . . as Well as . . .

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FLORIDA BOARD AWARDS CREDIT FOR NARD CONVENTION

NARD members now have another good reason to join the group assembled for our Miami Beach Convention. The Continuing Education Committee of the Florida Board of Pharmacy has recently approved the NARD Annual Convention for 9 hours of Continuing Education. Application will be made for credit in the other states where continuing education is necessary to maintain pharmacy licenses.

President E. Boyd Garrett will open the convention on Sunday evening, October 12, with the traditional President's address followed by one of the many entertainment portions of the program. Speakers from both the Democrat and Republican parties will be present with Carl Albert, Speaker of the House, early in the program. We are also honored to have Mr. Joseph Wright, Director of The National Pharmaceutical Union, to present his comments on pharmacy as it now exists in Britain for comparison with the American scene. Among other speakers will be Dr. Andrew D. Holt, President Emeritus of the University of Tennessee and a joint management discussion by Dr. George Lee Simpson, Chancellor, The University of Georgia and Dr. Don Sheriff, an authority on marketing. Kenneth Tiemann, APhA President, will address the convention as a special guest. To round out the program there will be many other outstanding speakers and panels including a presentation on how pharmacists can help in the treatment of hypertension.

Convention entertainment will be the best available, including a performance by Anita Bryant. We suggest registration and reservations be made as soon as possible to assure you desired accommodations.

INFORMATION WANTED

"Will you please try and find some information on brown bottle, cork stopper, 3⅛ ounces. One side of bottle, blown in glass, OZOMULSION. I have been trying to find out how old the bottle is and what the medicine was for, over a year." Marie Swindell, 2108 High School Drive, New Bern, N. C. 28560.

REMINDER FROM PAID PRESCRIPTIONS

1. Please include the AWP cost of drug and the $2.50 fee in the amount billed on each line item. Our computer is programmed to deduct fees on repeats and refills. DO NOT DEDUCT $2.50 ON ANY REFILL OR REPEAT.

2. You must collect the 50¢ co-pay for every prescription dispensed whether it is the first or subsequent time in the month that it is dispensed.

NEW ECKERD DIRECTORS

(from page 37)

Mr. Lineberger is President of Linford Mills, Inc., Belmont, North Carolina which is engaged primarily in the manufacture of yarns.

Mr. Warren, a former President of the North Carolina Bar Association, is a partner in a Goldsboro, North Carolina law firm.

Mr. Rankin also announced that dividends of $.07 per share on the common stock and $.50 per share on the preferred stock had been declared, payable on September 15, 1975 to shareholders of record on September 1, 1975.

Eckerd's and its subsidiaries are operating 223 drug stores, 39 apparel shops and three office equipment locations.

PAID Rx's PROFILE

(from page 19)

Forwarded again, this time to *Data Entry* to be keyed into the Inforex system and put on tape to go to "Big Brother," the Computer,

Finally, you retire to a storage box in the Edit Section.

The rest of your trip takes place in the computer where you would be subjected to further edits for pricing, eligibility, etc. If you survive all this, then you and your "cousins" from a specific pharmacy will be lumped together and a check written for all of you. At this point, you would become a permanent part of the history of your pharmacy.

The Pharmacy Claims Processing Department is happy to work alongside the employees of our HAS Medicaid Claims Processing Department and the North Carolina Medical Peer Review Foundation in the important function of doing our part to better the total health care of all the people of North Carolina.

The NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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Sickness Total Disability—Two Years

EXTENDED PLAN: Accident Total Disability—Lifetime
Sickness Total Disability—Five Years

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(Up to $45,000 Maximum Benefit including $75.00 Daily Room Limit Available)

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Payable From The First Day of Hospital Confinement
For Up to 15 Months

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MARRIAGES

Miss Susan Lee Dail and *John Keith Inman* were united in marriage Saturday, July 12 at the Rose Hill United Methodist Church. Mr. Inman is a graduate of the UNC School of Pharmacy where he was a member of Phi Delta Chi. The couple will reside in Goldsboro.

Miss Sara Jane Witherow was married Saturday, July 27 to *Larry Eugene Elliott* in St. Paul's Episcopal Church, Winston-Salem. The groom is a graduate of UNC-CH and is pharmacist-manager of Bobbitt's Lewisville Pharmacy.

Miss Sandra Leigh Williams was married to *Clyde Wilson Robinson, Jr.* Sunday, July 21 in Mt. Pleasant Methodist Church at Tanglewood Park in Winston-Salem. Mr. Robinson is pharmacist-manager of the Revco Drug Store on Jonestown Road.

Joan Lee Huffman and *Larry Hall Blackburn* were married June 29th at the First United Methodist Church in Lincolnton. Mr. Blackburn is a graduate of Carson Newman College and the UNC School of Pharmacy. He is employed at Allen Drug in Cherryville.

Miss Teresa Yvonne Sewell and *Gregory Keith Rice* were married August 2 at the Bessemer Baptist Church of Greensboro. Both the bride and bridegroom are graduates of the UNC School of Pharmacy. Mrs. Rice is employed as pharmacist-manager of Eckerd Drugs of Durham; Mr. Rice will attend graduate school at UNC-CH, majoring in medicinal chemistry.

Miss Sara Jane Witherow and *Larry Eugene Elliott* were married July 26 at St. Paul's Episcopal Church of Winston-Salem. Mr. Elliott, graduate of the UNC School of Pharmacy, is pharmacist and manager of Bobbitt's Lewisville Pharmacy.

BIRTHS

Mr. and Mrs. D. Ellison Neal announce the birth of a daughter, Eva Anne, July 23. Both Mr. and Mrs. Neal (Mary Frances Johnson) are graduates of the UNC School of Pharmacy. The Neals make their home at 203 Suburban Avenue, Kannapolis.

Mr. and Mrs. George O. Markham are announcing the birth of David Christopher, July 30th. The Markhams have another son, George Patrick, and a daughter, Patsy Elizabeth. The Markhams operate Markham Drug Company of Fayetteville.

DEATHS

Leon Tomlinson

Leon Calvin Tomlinson, age 46, Fayetteville pharmacist, died July 13.

Mr. Tomlinson was a native of Georgia and an honor graduate of the University of Georgia School of Pharmacy. He came to North Carolina in 1952 and operated the Massey Hill Drug Store, Fayetteville, until his retirement in 1972.

At the time of his death, he was president of the Cape Fear Pharmaceutical Society. He was a charter member and past president of the Massey Hill Lions Club and a Sunday School teacher at Snyder Memorial Baptist Church.

Surviving are his wife, Mrs. Bonnie W. Tomlinson; a son and daughter; one sister and two brothers.

Burial was in the Sunset Hill Cemetery, Valdosta, Georgia.

Robert E. Miller

Robert E. Miller, age 68, Nags Head pharmacist, died July 21.

Mr. Miller moved to North Carolina from South Carolina in 1935. He was associated with a pharmacy in Elizabeth City (Jacocks) prior to establishing Miller's Pharmacy of Nags Head, which continues in operation.

Besides his widow he is survived by one son, Robert E. Miller, Jr. of Nags Head; one sister, Mrs. Maggie Furr of Hope Mills and one brother, Boyd Miller of Wilmington.

Burial was in the Oakdale Cemetery, Wilmington.

Henry G. Mitchell

Henry G. Mitchell, age 83, Burlington pharmacist, died July 27.

Mr. Mitchell retired following the closing of City Drug Company. For a number of years, he made his home in Elizabeth City.

(Continued on Page 43)


The Carolina JOURNAL OF PHARMACY
The Carolina JOURNAL OF PHARMACY
BillO'Malley

(from page 41)

Thel E. Smith

Thel E. Smith, age 73, retired Goldsboro pharmacist, died July 27.

J. BOYCE HUNTER

J. Boyce Hunter, age 85, Charlotte pharmacist, died July 24.

Mr. Hunter, a graduate of the University of Maryland, operated the Park Place Pharmacy, Charlotte, prior to retirement.

N. Y. PHARMACISTS FAIL TO WARN ABOUT COUNTERACTIONS

Only one pharmacist out of 30 warned a patient about drug interactions in a study recently conducted by a New York City consumer organization. All 30 claimed they maintain patient medication profiles.

The New York Public Interest Research Group first sent students from Queens College to 15 pharmacies with a prescription for reserpine, a vasodilator, and instructions to purchase Dristan, an OTC vasoconstrictor containing 5mg. of hydrochloride.

Not one of the 15 pharmacists advised a surveyor against using the two counteracting drugs.

The New York group then selected a second group of 15 pharmacies and again sent out surveyors with a prescription for reserpine.

This time, surveyors returned to the same pharmacies within two days and presented a prescription from another physician for Dimetapp Extentabs, containing phenylpropanolamine hydrochloride 15 mg.

Only one pharmacist refused to sell the second medication.

About the 14 other pharmacists, the research group noted the following:

1. There was no evidence that five of the pharmacists had even checked the profiles.
2. Three misread the prescriptions and dispensed Donnatel, instead of Dimetapp, Extentabs. One of these three was talking on the telephone while dispensing the drug.

Of the 30 pharmacists in the study, six dispensed reserpine in clear plastic rather than in the amber containers specified in the National Formulary, and 21 omitted the name of the supplier of the reserpine from the labels, according to the consumer organization.

Only one of the 30 pharmacists, according to the consumer researchers, included all the required information on the drug labels and affixed the label on the outside of the container instead of slipping it inside.

"In spite of pharmacists' claims to the contrary," the New York group asserted, "the consumer retains the burden of protecting him- or her- self from potentially hazardous combination of drugs."—

From NABP NEWSLETTER (July 1975)

FDA CONTRACTS WITH ASHP FOR DEVELOPMENT OF CLASS LABELING

The Food and Drug Administration has awarded a $521,000 contract to the American Society of Hospital Pharmacists for the development of class labeling for drugs. Class labeling will be written for those drugs whose characteristics or uses permit their discussion and description as a class (e.g., penicillins, barbiturates, estrogens, antihistamines). It is expected that the class labeling eventually will become part of a federal compendium of drugs.

The following work is to be performed by ASHP under this three-year contract:

1. Identify those groups of drugs suitable for class labeling and the specific drugs within each group.
2. Review and evaluate the literature on the classes of drugs identified.
3. Prepare and submit to FDA, for 20 classes of drugs, Conditional Draft Labeling and substantiating data.
4. Prepare Conditional Final Labeling based on comments solicited by the FDA through the *Federal Register*.

ASHP's experience in producing the *American Hospital Formulary Service* will be used in fulfilling the terms of this contract. An FDA Labeling Review Team will work with ASHP, and the Society will use Review Panels of its choosing to assist in the review of the class labeling. The project director for this contract is Mary Jo Reilly, Director of the ASHP Bureau of Communication and Publication Services and Assistant Executive Director.

CLASSIFIED ADVERTISING

Classified advertising (single issue insertion) 10 cents a word with a minimum charge of $3.00 per insertion. Payment to accompany order.

Names and addresses will be published unless a box number is requested.

In replying to "blind" ads, address Ad. No. _____, Carolina Journal of Pharmacy, P.O. Box 151, Chapel Hill, N. C. 27514.

WANTED—Old fountain and back bar for pharmacy museum established by Elsie Booker near Chapel Hill. If you have such equipment (or can suggest location of an old fountain) please call Mrs. Booker (919) 544-2047.

FOR SALE—Complete set of used drug store fixtures including (optional) merchandise at a very attractive price. Irving Tilles, Cecil's Drug Store, 121 North Main Street, High Point, N. C. 27260 Tel. (919) 882-3369.

HALL'S OF OXFORD

In response to our request for information pertaining to North Carolina pharmacies established prior to 1900, J. B. Clay, pharmacist owner of Hall's Drug Store, Oxford, supplied this helpful information:

Hall's Drug Store was established in 1879 by J. G. Hall. His two sons, J. P. and S. C. (now retired) succeeded him in 1932 at his death.

I purchased Hall's in 1967. It has (and still is) been under same name and in same location since 1879. We will be 100 years old in 1979 and we are looking forward to our 100th year.

Our pharmacy was once listed in "Ripleys Believe It or Not" because we had bibles and cigars advertised on the same sign.

Hall's was a former U. S. Post Office also.

GAGNON ELECTED TO PHARMACY OFFICE

Dr. Jean Paul Gagnon, Associate Professor of Pharmacy Administration, UNC School of Pharmacy, was elected Vice-Chairman of the Economics and Administrative Science Section of the Academy of Pharmaceutical Sciences, 1976-77.

PHARMACEUTICAL CONFERENCE IN NASHVILLE

NCPhA President Milton Whaley and NCPhA Executive Director W. J. Smith were in Nashville, Tenn., August 21/23, for a meeting of the Southeastern Pharmaceutical Executive's Conference.

Subjects of mutual interest were discussed during the two-day meeting.

The conference site rotates throughout the south. Kentucky will host the 1976 meeting.

The Tennessee Pharmaceutical Association hosted this year's conference.

While the business sessions were underway, Mrs. Whaley and Mrs. Smith toured Nashville with a stopover at Grand Old Opry.

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514



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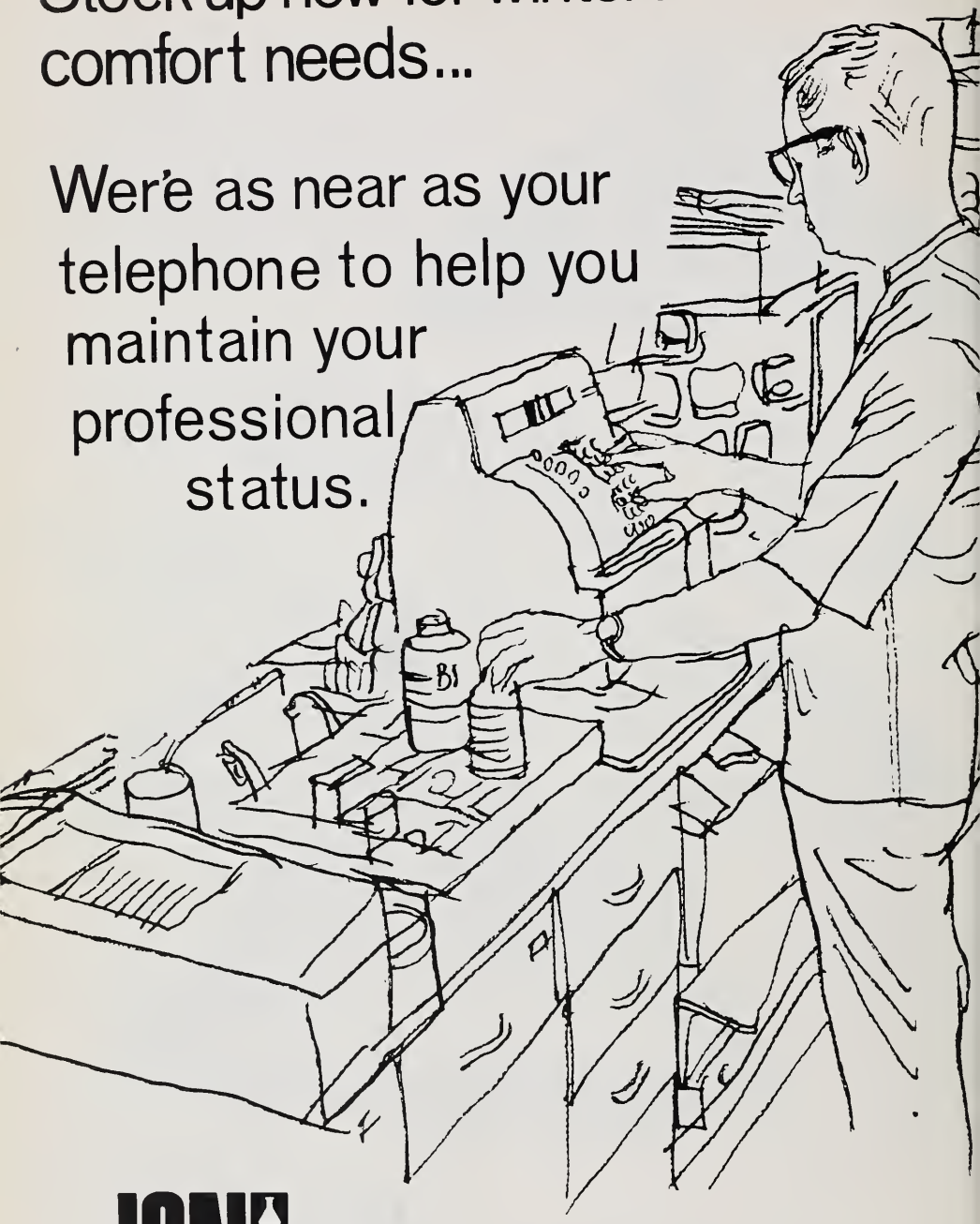
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The Carolina **JOURNAL OF PHARMACY**

Volume LV October 1975 No. 10

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SCHOOL OF PHARMACY



The immediate past president of the North Carolina Pharmaceutical Association, William H. Wilson (right) of Raleigh, presents the 1975 Pharmacist of the Year plaque to Jesse M. Pike of Concord. Details—Page 7. Photo by Colorcraft.

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ICN SELLS BELLAMY DRUG COMPANY

ICN Pharmaceuticals sold its Bellamy Drug Division, effective August 25, to a group headed by William F. Elmore.

Bellamy Drug was founded in the 1880's by the late Robert R. Bellamy. The firm was taken over by his son, Hargrove Bellamy, in 1919, who was active in the business until 1959, at which time it was purchased by W. H. King Drug Company, Raleigh. ICN bought the firm in 1970 through the acquisition of the W. H. King organization.

Bellamy Drug Company will continue to operate from its present location at 3808 Oleander Drive in Wilmington. Plans are to continue servicing the drug trade in Southeastern North Carolina and Northeastern South Carolina as a full service wholesaler.

Elmore, who has been General Manager of the Wilmington based firm since 1964, will continue as President and General Manager under the new ownership.

BE ALERT FOR THIS ONE

Pharmacists in Eastern North Carolina are cautioned to be on the lookout for a group (four or more persons) who enter a pharmacy on or about closing time.

The group, splitting up, diverts the attention of ALL employees while one locates and removes the day's cash receipts.

Edwards Pharmacy, Ayden, lost $800 in this manner.

PHARMACY TECHNICIAN PROGRAM INITIATED AT DURHAM TECH

School officials at Durham Technical Institute have announced a two-quarter pharmacy technician program will be offered.

The program is designed to formally train technicians in the preparation and dispensing of drugs within hospital pharmacies under the supervision of a pharmacist.

The academic phase of the program, according to Don Kritsch, program coordinator, will be conducted at Durham Tech. Registrants will receive clinical practice in hospital pharmacies through the combined efforts of Duke Univ. Medical Center, UNC Memorial Hospital, Watts Hospital and Wake Memorial Hospital.

Advisory committee members for the program include these hospital pharmacists: Gerald Stahl, Clyde Buchanan, Emillie Sigel, Judy Hooks, Jim Bickett, and Robert Smith.

A REVCO RECORD WHICH COMPANY WOULD PREFER TO ELIMINATE

Donald Deaton of Martinsville, Virginia is Revco distrist manager for Virginia and North and South Carolina.

He reports that last year his district experienced 87 breakins/robberies to lead all Revco districts. He also reports that despite the latest electronic equipment, breakins continue without letup.

The dispersal of CS drugs has helped some, he reports.

Revco is a self-insuror. Tax records reflect losses.

If your pharmacy is isolated and without regular police surveillance, the odds are—1 in 20—that you will experience a breakin with loss of cash and/or merchandise during the next twelve months.

A CON MAN IN OPERATION

The cashier at Raleigh's Village Pharmacy is out $50. Here's how the tricky transaction took place (as described by Raleigh police)

A man buys a few purchases and pays with a $100 bill. The clerk gives him his change. Then he says he has a bunch of $5 bills and would like to change them for $50 in larger bills.

He hands her nine $5 bills. She gives him two $20 bills and a $10 bill. Then she counts the fives and concludes he owes her one more.

The customer then says he will give her $55 to go with the $45 in fives, in exchange for the $100 bill. She gave him the hundred and he left the store. The manager later found the store was missing $50.

When did the $50 disappear? It was the two twenties and the ten he got for the fives, because he also used the fives as change for the $100 bill.

- The School of Pharmacy, University of North Carolina
- The North Carolina Pharmaceutical Association
- The North Carolina Society of Hospital Pharmacy

Announce a Symposium on

THE EXPANDING ROLE OF PHARMACY AND THE PROFESSIONAL FEE

Sunday, October 12, 1975
The Governors Inn, Research Triangle Park, North Carolina

Morning Session: W. H. Wilson, Raleigh, Moderator

8:30 a.m.- 9:15 a.m.	Registration
9:15 a.m.-10:00 a.m.	*THE EXPANDING ROLE OF PHARMACY —A PHYSICIAN'S VIEWPOINT* by John R. Kernodle, MD Kernodle Clinic, Inc. Burlington, North Carolina
10:00 a.m.-10:45 a.m.	*CLINICAL PHARMACY IN COMMUNITY PRACTICE* by G. R. D'Angelo, RPh, Community Pharmacist East Rockaway, New York
10:45 a.m.-11:00 a.m.	Break
11:00 a.m.-11:45 a.m.	*CLINICAL PHARMACY IN HOSPITAL PRACTICE* by C. J. Latiolais, Sc.D. Director, Department of Pharmacy Ohio State University Hospitals Columbus, Ohio
11:45 a.m.-12:15 p.m.	Questions and Answers
12:30 p.m.- 2:15 p.m.	Luncheon and Talk by Vincent R. Gardner, RPh Chief, Drug Studies Branch, Dept. of HEW, Washington, D. C. *THE IMPACT OF GOVERNMENT LEGISLATION ON PHARMACY PRACTICE.*

Afternoon Session: George M. Willets, Wilmington, Moderator

2:15 p.m.- 3:00 p.m.	*FINANCING THE EXPANDING ROLE OF THE PHARMACIST* by J. Gagnon, Ph.D. Associate Professor, Pharmacy Administration, University of North Carolina at Chapel Hill School of Pharmacy
3:00 p.m.- 3:15 p.m.	Break
3:15 p.m.- 4:00 p.m.	*DEVELOPING THE PROFESSIONAL FEE* by D. C. Huffman, Jr., RPh, PhD Executive Director American College of Apothecaries Memphis, Tennessee
4:00 p.m.- 4:30 p.m.	Questions and Answers

All pharmacists are invited to attend. No fee required for attendance at sessions or luncheon. This symposium is made possible with a grant from and the encouragement of Lederle Laboratories.



One of the guest speakers at the Jesse M. Pike Pharmacist of the Year dinner in Concord was Willard B. Simmons of Chicago, Executive Director and General Manager of the National Association of Retail Druggists. He is shown with Mr. Pike and Mrs. Nancy Pike Mitchener of Edenton. Photo by Colorcraft.



Shown seated: Mrs. Jesse Miller Pike and Milton Whaley, President of the N. C. Pharmaceutical Association, with William H. Wilson (right) presenting Pharmacist of the Year plaque to Mr. Pike. Photo by Colorcraft.

JESSE MILLER PIKE—*PHARMACIST OF THE YEAR*

Jesse Miller Pike of Concord, who was named Pharmacist-of-the-Year at the 1975 Convention of the North Carolina Pharmaceutical Association, was honored at a dinner held at the Hotel Concord, Concord, September 17. At that time he was presented the Association's Mortar-and-Pestle Award in recognition of his meritorious achievements in the fields of pharmacy, education, and public health. Mr. Pike operates several pharmacies in Concord, Charlotte, Kannapolis, and Locust.

Speakers for the dinner included Lester Cochrane, III, President of the Concord National Bank, and Williard B. Simmons of Chicago, Executive Director and General Manager of the National Association of Retail Druggists. The Reverend Alfred L. Bixler, minister of the Westminster Presbyterian Church of Bluefield, West Virginia, gave the Invocation. William H. Wilson, Raleigh, immediate past-presidnnt of the NCPhA, presented the Award. Presiding officer was Lloyd Milton Whaley of Wallace, President of the N. C. Pharmaceutical Association. Hoy A. Moose of Mt. Pleasant served as area chairman for the dinner.

Mr. Pike, a graduate of the UNC-CH School of Pharmacy, also holds a Masters Degree in Science from Western Reserve University of Cleveland, Ohio. He is a member of the Executive Committee and former vice-president of the National Association of Retail Druggists; member of the American Pharmaceutical Association, and of the Hoffman-LaRoche and Smith Kline and French Advisory Committees.

He is a member of the North Carolina Board of Pharmacy, serving currently as vice-president. He also holds membership in the North Carolina Pharmaceutical Association, the N. C. Academy of Pharmacy, the N. C. Association of Professions, the N. C. Academy of Practical Instructors, and the N. C. Rexall Drug Club. He is a past president of the Cabarrus County Pharmaceutical Society.

Mr. Pike is a member and past secretary of his Rotary Club, is active in the Cabarrus Masonic Lodge, Oasis Temple, Allied Masonic Degrees, Royal Order of Jesters. He holds directorships in the N. C. Pharmaceutical Research Foundation, N. C. Mutual Wholesale Drug Company, N. C. Merchants Association, Cabarrus County Industrial Development Corporation, Cabarrus Shrine Club (past-president), Union Street Hotel Corporation, Concord Chamber of Commerce and Merchants Association, Concord Rotary Club, Citizens Savings & Loan Association of Concord, Piedmont Bank & Trust Company of Locust, and the Concord Public Library where he has served as Trustee for two five-year terms.

Special Honors and Awards include the Beal Award, Gold Star Go-Getter Award, Jaycees Senior Man of the Year, the A. H. Robins Bowl of Hygeia Award, and the NARD-Schering Pharmacy Family of the Year (1968).

Mr. Pike is married to the former Dorothy Duckett; they have two children, Lourene Pike Thaxton, and Jesse Miller Pike, Jr.



JESSE MILLER PIKE

DISASTERS
Major and Minor

EDEN

Mann's Drug Store, Meadow Greens Shopping Center—Willie Shoemaker, chief pharmacist, reports the loss of four electronic calculators and a Polaroid camera in a shoplifting incident.

KINGS MOUNTAIN

Revco Drug Store—After disconnecting an alarm device, an intruder took six bottles of Schedule II drugs and left by way of the back door. The thief apparently was hiding in the store at closing time.

HICKORY

Medical Center Pharmacy—Drugs valued at $600 taken from the pharmacy in a late August break-in. An alarm system was torn from a wall.

FAYETTEVILLE

Revco Drug Company—William H. Morris was attacked as he prepared to put his daily deposit into the night depository at Southern National Bank. A man struck Morris on the back of his head as he started to drop the money bag into the depository. No estimate of the loss.

DALLAS

Cornwell Drugs—Some unknown parties attempting to chisel their way through a concrete wall and into the pharmacy were frightened off by a man who lives nearby. Left at the scene: sledge hammers, bolt cutters, flashlights, a glove and a large chisel.

NEW BERN

Scottie Discount Drugs—After chopping a hole through a back wall next to the back door of the discount operation, unknown parties paid a night-time visit to the pharmacy.

LEXINGTON

Center Street Pharmacy—James Clay Newell has been charged by Lexington police with the June 23 break-in at the pharmacy.

NORWOOD

Norwood Drug Company—A man wearing gloves, riding a bicycle and carrying a pillow case was arrested in connection with a break-in at the pharmacy.

YADKINVILLE

Boonville Pharmacy—Ricky D. Linville, 16, received a 5-year suspended sentence after he pleaded guilty to charges of breaking into the pharmacy.

SHELBY

Cornwell Drug Store, 208 Grover Street —Two young Shelby men have been charged with breaking, entering and larceny in connection with the July 27 break-in at the drug store. A large quantity of merchandise was taken in the robbery.

SALISBURY

Innes Street Drug Company—A burglar either concealed himself inside the pharmacy at closing time or entered through an unlocked door on August 24. Drugs and cash amounting to $300 were taken.

SALISBURY

Main Drug Company—Thieves climbed onto the roof of the pharmacy, slipped down through a shuttle hole, then made off with drugs valued at $1500.00.

DURHAM

Al's Pharmacy—After entering the pharmacy through the roof of the building, an unknown party or parties pried open the store's safe and removed drugs valued at $850.00.



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TAR HEEL DIGEST

MOUNT AIRY

The Mount Airy Board of Commissioners adopted a resolution honoring Pharmacist John E. Mills of Wolfe Drug Company for his work with a 10-member committee which seeks to establish ample off-street parking facilities for the Central Business District.

DURHAM

Pharmacist Patty Giddings is assistant manager of the new Treasury Drug Store established as a part of the South Square Shopping Center, opened August 11, Chapel Hill Road.

MOORESVILLE

Larry M. Rhye, A. H. Robins' MSR, has been appointed to an 8-year term on the board of trustees of Mitchell Community College in Statesville by the Iredell County Board of Commissioners.

WAYNESVILLE

The Village Pharmacy, with Pharmacist Jim Winfree as owner/manager, opened August 14 in the ABC shopping complex on Walnut Street.

CHEROKEE

James Edward Mills, chief pharmacist of the Cherokee Hospital, recently received a citation and commendation medal in recognition of his sustained high-quality, comprehensive pharmaceutical services; for initiating, expanding and implementing advanced preventive health programs; and for being the person primarily responsible for the successful completion of the Cherokee outpatient services.

SHELBY

C. Rush "Rusty" Hamrick III (Kendall Drug Company) has filed as a candidate for Shelby alderman from Ward 2.

STATESVILLE

Pharmacist Fred Lowry, representing the Gideons, was a guest speaker at Coddle Creek Church near Davidson on August 31.

GREENSBORO

A temporary injunction has been signed by Judge H. H. Walker to enjoin the acting supt. of the city building inspection department from issuing a permit for the operation of an apothecary shop at 200 East Northwood Street.

HIGH POINT

Prescription #1,000,000 was dispensed by Pharmacist Doug Callicutt, manager of Mann Drug #2, on August 22. Mann Drug #2 has been in operation since May, 1927.

YANCEYVILLE

Yanceyville Drug Company is now a Radio Shack Authorized Sales Center. According to Pharmacist Tommy Davis, the drug firm will stock a selected line of products from Radio Shack.

VALDESE

Frank J. Grill, formerly associated wih the Hudson Drug Company, is now a staff pharmacist with the Western Carolina Center Pharmacy, Morganton.

LUMBERTON

Eugene W. Hackney, an officer of the NCPhA, has been elected a director of the Lumberton Chamber of Commerce.

GRAHAM

K. B. Jenks, pharmacist and manager of South Court Drug Company, was guest speaker at a recent meeting of the Graham Chapter of the American Business Women's Association.



Third Row: W. A. Gilliam; C. D. Blanton, Jr., H. A. Moose; R. B. Hall; B. R. Ward, B. C. Brooks, and C. U. Paoloni.

Middle Row: S. M. Blaug; T. R. Burgiss; R. H. Sloop; W. D. Welch, Jr., R. P. Rogers, Jr., C. M. Whitehead; S. T. Forrest; and G. P. Hager.

Front Row: J. C. Hood, Jr., B. D. Kerr; Sara J. Hackney; J. L. Creech; L. M. Whaley; and C. E. Baker.

(Directors not in the group photo: R. B. Campbell, Jr., D. D. Claytor; D. R. Davis, Jr., M. M. Edmonds; E. R. Fuller; A. N. Martin; J. M. Pike; and J. T. Stevenson. The following Emeritus Directors also could not attend the meeting: F. J. Andrews and W. B. Gurley.)

RESEARCH FOUNDATION DIRECTORS MEET IN ANNUAL SESSION

The twenty-ninth annual meeting of the Board of Directors of the N. C. Pharmaceutical Association was held in Chapel Hill on September 10, 1975, with Foundation President Charles Blanton, presiding.

Business was transacted during two sessions at the UNC School of Pharmacy with a mid-day luncheon break at the Carolina Inn.

Topics and speakers appearing on the AM session included new faculty members and finances by Dean S. M. Blaug, Curriculum changes by Leroy D. Werley, Enrollment and admissions by Dr. George H. Cocolas and Student Aid by Dr. Jack K. Wier.

Most of the afternoon session was devoted to a report on the 1974-75 fund drive, financial and auditor's report, consideration of an adoption of 1975-76 budget and election of officers.

Contributions received during the year amounted to $19,817: 420 individual contributions—up from 325 the previous year. Total assets of the Foundation was listed at $523,269.97.

A 19-item budget of $44,315 for 1975-76 was adopted.

Officers elected for the coming year: C. D. Blanton, Jr., president; Ralph P. Rogers, Jr., vice president; and George P. Hager, secretary.

Two local banks serve as treasurer (fiscal agent) for The Foundation.

Directors-elect (1980) were installed and added to the Board: C. D. Blanton, Jr., B. Cade Brooks, S. T. Forrest, Robert B. Hall, Hoy A. Moose and Mrs. Sara J. Hackney.

Two directors emeritus of The Foundation are F. J. Andrews of Baltimore, Maryland and W. B. Gurley of Windsor, North Carolina. These two pharmacists are long-time supporters of The Foundation.

Between annual meetings of the Board much of the Foundation business is transacted by an executive committee consisting of C. D. Blanton, Jr., Ralph P. Rogers, Jr., George P. Hager, F. Jackson Andrews, William B. Gurley, Robert B. Hall, Wade A. Gilliam, S. T. Forrest, Banks D. Kerr, Hoy A. Moose, Marion M. Edmonds and James L. Creech.

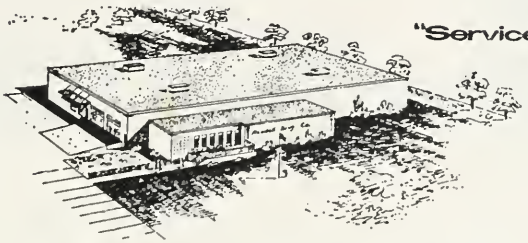
Guest speaker at The Foundation luncheon was Dr. Cecil G. Sheps, Vice-Chancellor, Health Sciences, UNC-CH.

A FOUNDATION LADY DIRECTOR

For the first time since the North Carolina Pharmaceutical Research Foundation was organized (1947), a lady pharmacist serves as a member of the board of directors: Sara J. Hackney of Lumberton.

Mrs. Hackney, a pharmacist and graduate of the UNC School of Pharmacy (1956), comes from a pharmacy family. Her father, J. C. Jackson of Lumberton, is a past president of the NCPhA, and her mother is a past president of the Woman's Auxiliary of the NCPhA. Her pharmacist-husband, Gene, is presently an officer of the NCPhA and member of the NCPhA executive committee.

Mrs. Hackney is pictured on the opposite page with directors of The Foundation and guests present for the annual meeting on September 10.



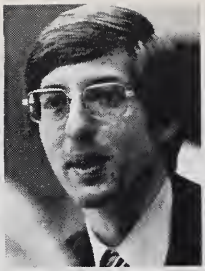
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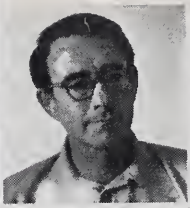
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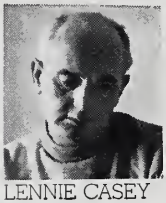

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Dear W. J.:

Shakespeare once wrote "Consistency thou art a jewel." That little gem and Jonathan Winter's observation that "it's a troubled world" are surely apropos in today's frenetic society.

To get down to specifics: I fail to see the consistency of a pharmaceutical manufacturer who brags to his retail pharmacy accounts about keeping his over-the-counter products in the drugstores and out of the hands of variety and grocery store discounters and then lists in Red Book *only* the DIRECT PRICE on their Rx items with no Average Wholesale Price appearing at all. This is just another trend that will reduce the retail pharmacists' net profit, particularly in the face of increasing third party pay RX's. I wish all the state pharmacy associations would protest this practice; and the national associations have an excellent opportunity to demonstrate the effectiveness of their legal voices.

I'll use this letter to get something else off my chest that has been bugging me: We subscribe to the Red Book Executive Price Service so we can get our price changes two (theoretical) weeks ahead of the listings in Drug Topics. The listing we received on Sunday September 7 will appear in the September 15 issue of Drug Topics. Not exactly the time savings promised. In thinking about this Price Service in a little more depth, I cannot see why this information could not be included in Drug Topics just as easily as it can be published in a booklet at extra charge. The same people publish Drug Topics and the Red Book Executive Price Service. What's the explanation?

Phil Link
Link Bros. Pharmacy
Reidsville, N. C.

Mr. Steve Moore
Chapel Hill, N. C.

Dear Mr. Moore:

On behalf of Khon Kaen University Medical Center I wish to thank you most sincerely for the donation of 182 medical journals to our library. This is a most valuable contribution to our Center which is still in its early stage of development. Our students as well as our faculty members will find such resource materials very useful.

May I take this opportunity to renew my most sincere appreciation for the U.S. citizens' continued interest in the development of Khon Kaen University.

Professor Bimala Kalakicha
Rector
USIS Khon Kaen, Thailand

(Presentation picture includes Professor Kalakicha and George Bonjoc, Director, USIS Khon Kaen, Thailand)



George P. Bonjoc, Director of U. S. Information Service, Khon Kaen, Thailand, is shown presenting the Steve Moore donated medical journals to Professor Bimala Kalakicha, Rector of Khon Kaen University Medical Center.

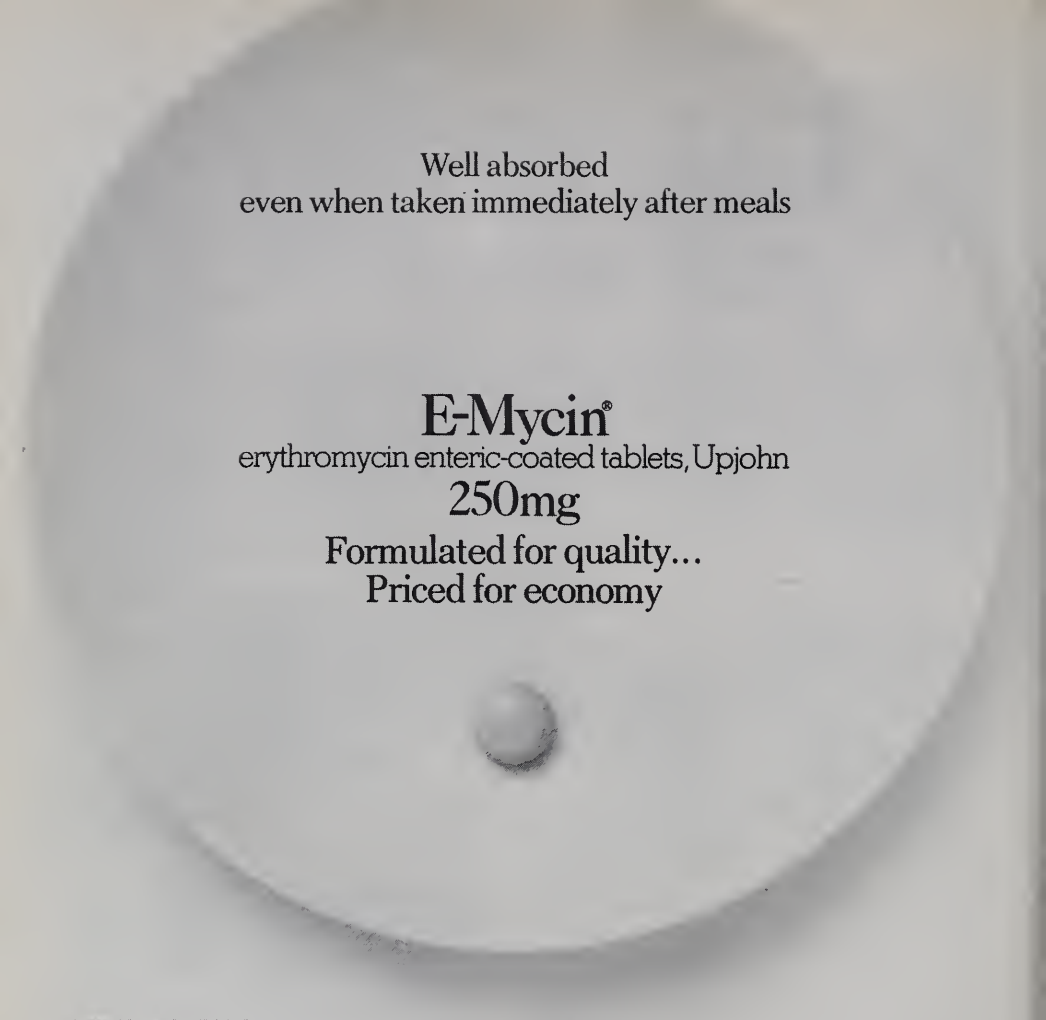
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See package insert for other indications.

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Adverse Reactions: The most frequent side effects of erythromycin preparations are gastrointestinal, such as abdominal cramping and discomfort, and are dose-related. Nausea, vomiting, and diarrhea occur infrequently with usual oral doses. During prolonged or repeated therapy there is a possibility of overgrowth of nonsusceptible bacteria or fungi. If such infections occur, the drug should be discontinued and appropriate therapy instituted. Mild allergic reactions such as urticaria and other skin rashes have occurred. Serious allergic reactions, including anaphylaxis, have been reported.

Treatment of overdose: The drug is virtually nontoxic, though some individuals may exhibit gastric intolerance to even therapeutic amounts. Allergic reactions associated with acute overdosage should be handled in the usual manner — that is, by the administration of adrenalin, corticosteroids and antihistamines as indicated and the prompt elimination of unabsorbed drug, in addition to all needed supportive measures.

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Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Kerr Discount Drugs, Lake Boone Trail, 2462 Wycliff Road, Raleigh 27607. Marshall C. Henry, Jr., pharmacist manager.
2. The Medicine Shoppe, Hospital Drive, Elizabethtown 28337. William D. Smith, pharmacist manager.
3. Revco Discount Drug Center, 761 South Linwood Road, Gastonia 28052. Charles W. Hite, Jr., pharmacist manager.

CHANGE IN OWNERSHIP

Gordon's Pharmacy, Inc., 919 Kildare Farm Road, Cary 27511. Dennis B. Hanson, pharmacist manager.

RED CROSS PHARMACY

The new Red Cross Pharmacy, located on West D Street in North Wilkesboro, will be managed by Tim Davis and Rick Brame. The original Red Cross Pharmacy managed by R. M. Brame, Jr. continues in operation on 10th Street.

LIABILITY INSURANCE

Professional liability insurance is in a state of uncertainty as any North Carolina MD or hospital will certify.

In regard to professional liability coverage for pharmacists, the company recommended by the NCPhA (American Druggists' Insurance Company) continues to provide this coverage on a 1-year basis (formerly 3 years) for community pharmacists and community pharmacists who additionally serve as consultants to ECFs, nursing homes, etc. Presently, the ADI Company does not provide coverage of this type for hospital pharmacists.

Details from: Hammett Insurance Agency, Inc., P. O. Box 248, Concord, N. C. 28025.

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Richmond Lee Griner from Alabama
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NCPhA EXECUTIVE COMMITTEE MEETS IN CONCORD

The Executive Committee of the North Carolina Pharmaceutical Association met in Concord at the Colonial Motor Inn on September 17, 2 to 5 p.m. Location of the meeting was in connection with the Jesse M. Pike "Pharmacist of the Year" dinner.

Business transacted at the meeting included:

- Adoption of the minutes of the June 12, 1975 meeting in Chapel Hill.
- Reviewed financial report for January-August 1975 period.
- Authorized Executive Director Smith to replace 4 year-old station wagon with more economical model.
- Referred request of Durham Technical Institute for endorsement of the Institute's hospital pharmacy technician program to an appropriate committee for further study.
- Licensed Pharmacy Interns. Committee recommendation to be sent to N. C. Board of Pharmacy.
- Discussed possible changes in the N. C. Medicaid Program, primarily related to determining eligibility of recipients.
- Health Services Agency: NCPhA seeks pharmacist representation on each of the six area boards (one has been elected, B. Cade Brooks of Fayetteville).
- The N. C. Employee Pharmacist co-sponsored (with UNC School of Pharmacy) survey is on schedule with 420 returns by mid-September.
- Membership drive underway with good response. More than 200 students have joined the Student Branch in last thirty days.
- NARD delegates being selected from NARD members who have notified the NCPhA Office of their intention of attending the October 12-16 NARD Convention in Miami Beach.

Present, in addition to the executive board members, was a pharmacist, whose Medicaid agreement had been cancelled; his attorney; Mr. Benny Ridout of the N. C. Department of Social Services; and Mr. Frank Yarborough and Mr. Shelton Brown of Paid Prescriptions.

Decision: Referred matter to the NCPhA Committee on Public Health & Welfare for further consideration and recommendation.

Committee members present: Lloyd M. Whaley, Chairman, who presided; Tom R. Burgiss, Eugene W. Hackney, Herman W. Lynch, Marsha Hood Brewer, Kenneth Edwards, W. H. Wilson, W. Whitaker Moose and W. J. Smith, Secretary.

NORTH CAROLINA MEDICAL SOCIETY COMMITTEE LIAISON TO THE N. C. PHARMACEUTICAL ASSOCIATION

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Charles E. Cummings, M.D., Asheville
John T. Dees, M.D., Burgaw
Richard A. Fewell, M.D., Burlington
T. Reginald Harris, M.D., Shelby
Robert W. McConnell, M.D., Greenville
John A. Payne, III, M.D., Sunbury

CONSULTANTS:

W. J. Smith, R.Ph., Chapel Hill
C. B. Ridout, R.Ph., Raleigh

MEETING:

Southern Pines, Sept. 25, 1975



PROFESSIONAL COMPETENCY IN PHARMACY

The California Board of Pharmacy uses this "competent pharmacist" as a check list for applicants desiring to practice pharmacy in that state.

Use the twelve points to do a self-analysis; if you qualify, award yourself a "CP" degree.

A competent pharmacist is capable of conferring with a physician concerning the care and treatment of his patient. He should appreciate the essentials of the clinical diagnosis and comprehend the medical management of the patient. He should have a knowledge of the drugs that may be used in the treatment of the patient's disease state, their mechanism of action, their commercial drug combinations and dosage forms, the fate and disposition of the drugs (if known), the factors which may influence the physiological availability and biological activity of the drugs from their dosage forms; how the age, sex, or secondary disease states might influence the course of treatment, and how other administered drugs, foods and diagnostic precedures may interact to modify the activity of the drug.

A competent pharmacist is one whose overall functions result in optimum drug therapy. He should know the appropriate use and dosage regimen for the drug therapy being undertaken, the contraindications and potential untoward reactions which may result during therapy. He should be informed as to what proprietary products might interact adversely with such therapy or may be useful adjuncts to improve the convenience of administration or the overall patient care.

A competent pharmacist must know the proposed therapeutic actions of proprietary medication, their composition, and any uniqueness or potential limitations of their dosage forms. He should be capable of an objective appraisal of the advertising claims for the product. When requested by the patient, he should be capable of ascertaining the probable therapeutic usefulness of available proprietary medication in relation to the patient's complaints.

A competent pharmacist should be able to review a scientific publication and be able to summarize the practical implications of the findings as they may relate to the clinical use of drugs. He should be able to analyze a literature report of a clinical trial as to the appropriateness of the design of the study and of the statistical analysis made of the data. He should be able to prepare an objective summary of the significance of the data and the author's conclusions.

A competent pharmacist is a specialist on the stability characteristics and storage requirements of drugs and drug products, on the factors that influence the release of drugs from dosage forms, how the site of administration or environment within its location in the body may influence the absorption of a specific drug from the administered dosage form, and most importantly, how these may interact to influence the onset, intensity, or duration of therapeutic action.

A competent pharmacist should be precisely informed of the legal limitations on procurement, storage, distribution and sale of drugs. He should be informed of the approved use of a drug as specified by federal authorities and acceptable medical practice and his legal responsibilities to the patient in the use of drugs in experimental therapeutic procedures.

A competent pharmacist should be capable, with the availability of appropriate source material, of recommending which drug product and/or dosage form may be potentially most useful for a particular therapeutic need, and he should be able to support objectively his choice. He should also be capable, within a reasonable time, of identifying a drug product on the basis of its described color and shape, and possibly its proposed use, using appropriate source material.



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A competent pharmacist, on the basis of the symptoms described in an interview with the patient, should be aware of what additional information he should attempt to gain from the patient concerning his condition. Based on this information he should be able to refer the patient to the proper medical practitioner, specialist, or agency which may be of most help to him in his case.

A competent pharmacist should have a knowledge of the toxic manifestations of drugs and the necessary measures which are best available means of treatment of these toxic symptoms.

A competent pharmacist should be able to communicate effectively with a patient on the instructions for proper administration of prescription and proprietary drugs. He should know the limitations which should be placed on food intake, other medication and physical activity.

A competent pharmacist should be able to communicate with other health professionals or to laymen on appropriate drug subjects. He should be able to make the recipient understand the contents of the message being communicated.

A competent pharmacist should be capable of compounding appropriate drugs or combinations in acceptable dosage forms.

Finally a competent pharmacist is a person who undertakes appropriate measures to maintain his level of competency in each of the above areas.

HUNTER NAMED DIRECTOR OF PHARMACY SERVICE AT DANBURY HOSPITAL

Richard P. Stanley, Administrator of the Stokes-Reynolds Memorial Hospital, has announced that Pharmacist Charles Harris Hunter has joined the hospital staff as Director of Pharmacy Service.

A graduate of Samford University, Mr. Hunter has been associated with the Giles Memorial Hospital, Pearisburg, Virginia.

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THREE PHARMACY GROUPS MEET

The Durham-Orange Pharmaceutical Association, the Durham Mortar & Pestle Club, and the Chapel Hill Woman's Pharmaceutical Auxiliary held a joint meeting Thursday, September 11, at the Institute of Pharmacy. This served as the initial meeting for 1975-76 for the three groups.

Mrs. Milton Skolaut is incoming president of the Chapel Hill Woman's Pharmaceutical Auxiliary. Serving with her are Mrs. George Cocolas, vice-president; Mrs. Len Berlow, Secretary; and Mrs. Arthur McBay, treasurer. The group initiated action on *Operation Flowerpot* '76 which will be part of a statewide project to hand design flower pots, fill them with plants or fabric flowers, and present them to long-term patients in hospitals and nursing homes.

Donald Peterson of Durham is president of the Durham-Orange Pharmaceutical Association. Serving with him are Bob Lafferty, Chapel Hill, vice-president, who was elected in a special run-off election on September 11; and Mrs. Robert Giddings of Durham, secretary-treasurer. Problems in handling the prescription forger were discussed in an open forum session. This subject will be continued at the October 9th meeting when it is planned for police representatives to be present.

WILSON COUNTY

Dr. Seymour M. Blaug, Dean of the UNC School of Pharmacy, was guest speaker at the Wilson County Pharmaceutical Association annual banquet held in Wilson on September 14.

Presiding officer at the banquet, attended by fifty members and their wives, was Pharmacist A. R. Strickland of Stantonsburg.

ALAMANCE

Frank Yarborough, Project Director of Paid Prescriptions, Raleigh, was guest speaker at the August 27th meeting of the Alamance Pharmaceutical Society in Burlington.

Mr. Yarborough discussed Paid's administration of the N. C. Medicaid Pharmacy Program and its expanded operation, HAS, which involves the total Medicaid health services in the state.

GREENSBORO

Concord pharmacist Jesse M. Pike, a member of the NARD Executive Committee and North Carolina's 1975 Pharmacist of the Year, discussed the NARD's professional and business relations approach to present-day pharmacy problems and opportunities at the September 10th meeting of the Guilford County Society of Pharmacy.

The meeting, held at the Wesley Long Hospital in Greensboro, was conducted by Joseph Johnson, president of the Society.

WAKE COUNTY

Scheduled meetings of the Wake County Pharmaceutical Association:

September 9—Dinner meeting at The Plantation Inn.

October 14—Meeting at Burroughs Wellcome, Research Triangle Park.

December 6—Christmas Party at Ramada Inn South, Raleigh.

Guests speakers at the September 9 meeting were Dr. John Key, Director of the Wake Area Health Education Center, and Ms. Pam Joyner, Pharmacy Coordinator.

The Wake AHEC is composed of seven counties: Wake, Johnston, Lee, Granville, Vance, Warren and Franklin.

NEW HANOVER

Officers of the New Hanover County Pharmaceutical Society are William A. Morton, Sr., president; Les G. Collins, vice-president; and Crayne Howes, secretary-treasurer, all of Wilmington.

PHARMACISTS (69) LICENSED TO PRACTICE PHARMACY IN NORTH CAROLINA AS A RESULT OF THE AUGUST 1975 EXAMINATIONS CONDUCTED BY THE NORTH CAROLINA BOARD OF PHARMACY

6333 BLACKBURN, Daryl Madison, Rt. 3, Box 271-J, Durham 27707
6334 BLACKBURN, Linda Bell, 1813 Lynne Ave., Rocky Mount
6335 BLAKE, Rory Powell, 106 Bess Cr., Cherryville
6336 BLANCHARD, Jeffrey Galen, A-5 Kingswood Apts., Chapel Hill 27514
6337 BRADY, Benjamin Wesley, 5 D Kingswood Apts., Chapel Hill 27514
6338 BRINKLEY, Charles Franklin, Rt. 2, Box 479-A, Durham 27705
6339 BRYSON, Edward Lawrence, Jr., Rt. 3, Box 282, Brevard 28712
6340 BURGESS, Becky Jo, 128 Westover Avenue, Kannapolis 28081
6341 CALHOUN, John Steven, 1926 Roxie Ave., Fayetteville
6342 CAMERON, Marcus Frederick, P. O. Box 2400, Sanford 27330
6343 CLARK, Catherine Dawn Carter, P. O. Box 1063, Asheboro 27203
6344 CLINARD, William JoDan, 260 Brookwood Ave., NE, Innsbrook Apts. 6-D, Concord 28025
6345 CRANFORD, Billy Eugene, Jr., 951 Nabors Dr., Charleston, S. C. 29412
6346 CRAWFORD, Elmer Wilson, Jr., 5407-D Countryside Dr., Winston-Salem 27105
6347 CREECH, Otis Wayne, Route #1, Middlesex
6348 DAVIS, Anne Garrett, 3527 Horton St., Apt. 103, Raleigh 27607
6349 DUCKWORTH, Howard Ivey, Jr., Rt. 2, Box 661, Connelly Springs
6350 DUNHAM, Bruce Lee, 1251 S. Oxford, Grosse Pointe Woods, MI 48236
6351 FREEMAN, Douglas Doyle, 1722 Amherst Pl., Charlotte
6352 FULCHER, Nancy Joyce, Edgecombe Gen. Hosp., Box 45, Tarboro 27886
6353 FURR, Melba Darlene, 2030 Bedford St., Apt. 2, Durham
6354 GARRIS, Carolyn Ann, 1400 F. Steinbeck Dr., Raleigh 27670
6355 GILLIAM, Nancy Turner, 425 Oakhurst Rd., Statesville
6356 GLAROS, Manuel Nicholas, Rt. 9, Box 1950, Plant City, Fla. 33566
6357 GROSS, Nicholas Ralph, Jr., Rt. 1, Box 312 A, Hallsboro 28442
6358 HARGIS, Gerald Wayne, Rt. 7, Box 178-C, Wilson Apts., Durham
6359 HARRELL, Cathryn Boykin, Box 193, Saratoga 27873
6360 HEATON, Donald Alan, Rt. 1, Box 302, Sparta 28675
6361 HERRING, James Craig, Rt. 1, Box 310 A, Clinton
6362 HOFFMAN, David Alan, Rt. 1, Box 162, Lincolnton 28092
6363 HOLDORF, Richard Anthony, 8 Marshall Blvd., Apt. D, Lexington Park, Md. 20653
6364 JAMES, Joel Paul, Box 3600, Pine Grove Ct., Chapel Hill 27514
6365 JONES, Steven Lee, 129 Academy St., Canton
6366 JONES, Warren Rickman, 2903 Monroe Ave., Durham 27707
6367 KING, William Thad, 1940 Fireside Dr., Chapel Hill 27514
6368 KRAYCIRIK, Marianne Elizabeth, P. O. Box 2714, Burlington
6369 LARGEN, Mary Ann Bishop, 4516-48 Randolph Rd., Charlotte 28211
6370 McKINNEY, Richard Steven, Rt. 10, Box 484B, McLean Rd., Charlotte
6371 McMASTERS, Reed Craig, 1307 Cardinal Pl., Greensboro 27408
6372 McPHAUL, Richard Malcolm, 109 Ramblewood Dr., Apt. #52, Raleigh 27609
6373 MEADORS, Walter Vernon, Jr., 717-J Poplar St., Carrboro 27510
6374 MINTON, Gene Winston, P. O. Box 103, Roxobel 27872
6375 MORELOCK, Rebecca Turlington, 411 McCauley, Chapel Hill 27514
6376 MORRISON, David Harley. 1320 Maple St., Elkin 28621
6377 NEWTON, Jean Irene, Apt. 5-C Innsbrook Apts., Concord 28025
6378 PAINTER, Steven Blaine, 320 Beatty Rd., Apt. #48, Belmont 28012
6379 PEMBERTON, Cathy Wood, Apt. 3E Hiltin Pl., Greensboro 27409
6380 PERKINS, Charles Edward, 1000 Ruby St., Apt. #14, Durham
6381 RECTOR, Melva Ann, 5104 Ft. Sumter Rd., Raleigh 27606

6382 ROBERSON, Herman Brinkley, Jr., 229 Jefferson St., Rocky Mount 27801
6383 ROBERTS, Michael Douglas, 507 Ashley Ct., Foxcroft Apts., Chapel Hill 27514
6384 RUDD, Charistine Copeland, 321 Carlton Dr., Chapel Hill 27514
6385 SHEHAN, Nina Elizabeth, 7-H Ector St., Asheville 28806
6386 SHIPP, Kenneth Wade, 417 N. Hyde Park Ave., Durham 27703
6387 SITES, Noah Michael, 1505 Woods Rd., Apt. G-07, Winston-Salem 27106
6388 SPAIN, Vicki Ball, 37 Perkins Drive, Chapel Hill 27514
6389 SPEARS, Larry O'Neal, 270 North Page St., Southern Pines
6390 SPRINKLE, Charles Francis, 9 Brookcliff Dr., Asheville 28804
6391 STEWART, Henry Lewis, Box 128, Fremont 27830
6392 TENNANT, Stanley Neal, 426 S. Hawthorne, Winston-Salem
6393 THOMAS, Karen Diana, 4417 Pamlico St., Raleigh
6394 VICK, William Dorsey, III, P. O. Box 542, Rocky Mount 27801
6395 WARD, Richard Thomas, Rt. 2, Box 269, Brown Summit 27214
6396 WHALEY, Frances Drennan, 9404-A Quail Meadow Dr., Austin, TX 78758
6397 WHICHARD, Carol Hardy, P. O. Box 153, Stokes 27884
6398 WHICKER, Mary Denise, 2030 Bedford Rd., Yorktowne Apts. #2, Durham 27707
6399 WILLIAMS, James Arthur, 18-I Yum Yum Apts., Carrboro 27510
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UNC PHARMACY SCHOOL NOTES

STUDENT BRANCH

The Executive Committee of the Student Branch of the NCPhA/APhA met at the UNC School of Pharmacy on September 8 with President June Hall, presiding.

Martha Mayo, membership chairman, reported membership at 230 as a result of the just-completed membership drive.

The welcome-back picnic sponsored by the Branch at Battle Park was the highlight of the opening session of the School.

Some money-making projects are in the discussion stage, headed by Treasurer George Brookins and Mike Rash.

Several special projects will be sponsored by the Branch under direction of Chairman Jane Hall and subchairmen. Diabetes Week—November 9-15—is the first planned project.

Patsy Seymour, Publicity Chairman, is responsible for meeting announcements—posters, memos to faculty for announcement to classes.

BRANCH CALENDAR

October 8. Seymour Holt, Dista Products Company "Pharmaceutical Industry and Current Trends"

Nov. 12—Dr. Mark Novitch, FDA Deputy Assoc. Commissioner for Medical Affairs. "Maximum Allowable Cost"

Nov. 19—Ben Bailey, Medical Science Liaison, Upjohn Company. "Prostglandins."

ATTENDS MEETING IN IRELAND

Professor Fred M. Eckel, Head of the Division of Pharmacy Practice, School of Pharmacy, University of North Carolina, attended the 35th International Congress of Pharmaceutical Sciences, Dublin, Ireland, September 1-5.

Eckel, who is also President of the American Society of Hospital Pharmacists, represented that organization at the Dublin meeting.

GAGNON ELECTED

Dr. Jean Gagnon, Associate Professor, Pharmacy Administration, School of Pharmacy, has been elected Chairman of the Section of Teachers of Pharmacy Administration, American Association of Colleges of Pharmacy, for 1975-76.

COCOLAS ELECTED CHAIRMAN OF MEDICINAL CHEMISTRY OF ACADEMY OF PHARMACEUTICAL SCIENCES

Dr. George Cocolas, Chairman of the Division of Medicinal Chemistry, UNC School of Pharmacy, has been elected to Chairman-Elect of the Medicinal Chemistry Section of the Academy of Pharmaceutical Sciences.

PHARMACY FACULTY ATTEND ALABAMA MEETING

Dean Seymour Blaug, Assistant Dean LeRoy Werley, Associate Professor of Pharmaceutics, Claude U. Paoloni, and Assistant Professor of Pharmaceutics, B. W. Hadzija, attended the recent AACP-NABP District III meeting in Alabama.

Dean Blaug presented a paper "Mandatory Continuing Education" to the membership.

NURSING HOME PROGRAM

Several hundred pharmacists, nurses, nursing home administrators and other allied health specialists attended a day long program co-sponsored by the N. C. Department of Human Resources and the UNC School of Pharmacy.

The program "Pharmaceutical Services in Long Term Care Facilities" was held in Asheville, Charlotte, Rocky Mount and Lumberton.

The seminar provided participants with an up-to-date knowledge of various federal and state regulations governing pharmaceutical services in long term care facilities.

THE NORTH CAROLINA PHARMACY TRIPARTITE COMMITTEE ON PHARMACY EXTERN/INTERNSHIP MEETING

September 15, 1975
Institute of Pharmacy
Chapel Hill, North Carolina
Annual Meeting
7:05 P.M.-8:35 P.M.

Members present: Claytor, Day, Randall (Chairman), Dawson, Edmonds, Willets (Vice-Chairman), Werley, Caiola, Paoloni (Secretary)
Members absent: None
Ex-Officio Members present: Blaug
Ex-Officio Members absent: McAllister
Students present: Bob Bischoff, June Hall, Steve Bennett
Guests present: Lloyd Davis, George D. Russell

The meeting was called to order with George Willets, Vice-Chairman, presiding. Chairman Randall arrived at 7:35 P.M. during the discussion of Item IV below, requesting that the Vice-Chairman continue to preside.

I. *Acknowledgment of students and guests.*
The Vice-Chairman acknowledged the students present and the guests, inviting their participation in the deliberations of the meeting.

II. *Adoption of Minutes of June 16, 1975 Meeting.*
With corrections as announced in the Memorandum dated September 5, 1975 to Committee members, the Minutes were adopted as distributed.

III. *Revised Program Instructions, May 1975.*
Members received very little adverse comments relating to the revised *Program Instructions* of May, 1975. June Hall felt the instrument was a much improved work as did the other students present. Bob Bischoff reported that he went through the entire book answering all questions. Dean Blaug reported that the Students Committee on Extern/Internship has a meeting planned next week, September 24, 1975, at 8:30 P.M. in the School, to consider rewriting, with faculty assistance, sections on Pharmacy Administration, Compounding, Pharmaceutics-OTCs, and to broaden the section on Pharmacy law. It is hoped with student assistance, a useful tool for the extern/internship program can be developed.

IV. *UNC School of Pharmacy-Academic Practical Experience Coursework*
The Secretary reported on the progress of this program, reporting that forty students are now participating in the program receiving training in community or hospital pharmacies throughout North Carolina. A general overview of the program was presented with George Russell also highlighting details of the program relating to student placement, travel, lodging, etc. It was also brought out that all senior students will purchase professional Liability Insurance which has been arranged through the School and will then be covered for a year beginning September, 1975; rate $8.50/year for $200,000/600,000 coverage by Maginnis and Associates.

V. *Burroughs-Wellcome Company–Extern/Internship Program—Letter of August 1, 1975 by David L. Holland*
A discussion of the outline of the extern/internship program Burroughs-Wellcome plans to offer in the Pharmaceutical Manufacturing Division took place. It was recognized that the plan offered tremendous experience for students desiring to go into industry, a good basis for knowing background of products, excellent start in product technology. Despite the fact that the program did not permit patient contact to validate the type of experience desired for students in an extern/internship program, the limited number of students (three) per summer entering this program coupled with the benefits of this specialized experience, that it merited positive consideration. On motion (Werley) with second (Blaug) the Committee:

Approved: To recommend to the N. C. Board of Pharmacy up to 500 hours of extern/internship credit be offered for the Burroughs-Wellcome Company—Extern/Internship Program.

IV. *Old Business*

A. Item VI, Review of Allowable Concurrent Time, as reported in Minutes of June 16, 1975.

This item was deferred (tabled) since application of any positive action would not be possible until the School's academic practical experience training program has been extended for one complete semester, or beyond 400 hours of experience. As it now stands, the Board awards 280 hours of this coursework of ½ semester.

B. Reappointment of Members to the Committee.

The Secretary announced the reappointment to the Committee of George Willets, NCPhA for three year term; LeRoy Werley, School of Pharmacy for three year term. No specific appointment was made by the Board since the appointment of present members was for an undesignated term.

VII. *New Business*

A. Election of Officers for 1975-76 term.

Unanimous election of: George Willets—Chairman
LeRoy Werley—Vice-Chairman

B. Installation of new officers.

Past Chairman Randall installed the new officers with dispatch.

C. W. J. Smith brought up the problem of the licensed intern. Apparently in some pharmacy operations some individuals in this position have assumed responsibilities beyond the intent of the law. Apparently, the problem arises after the licensed intern has accumulated the required total 1500 hours of extern/internship credit. Lloyd Davis reported this type of abuse stems principally in areas where a real hardship exists in that some pharmacists find it difficult to obtain the help of a registered pharmacist. The Committee was advised of this matter and that a loop hole exists which undoubtedly should be plugged. To do this would require going to the legislature to change the law.

D. Next Meeting—January 19, 1976, Institute of Pharmacy, Chapel Hill. Usual format of dinner (Zoom Zoom) at 6:00 p.m.; meeting at 7:00 p.m.

VIII. *Adjournment:* 8:35 P.M.

Claude U. Paoloni
Secretary

THE NEW FEDERAL LAW (P.L. 93-641)

On January 4, 1975, President Ford signed into law an Act that had been under consideration by the Congress for over a year: P. L. 93-641, the National Health Planning and Resources Development Act of 1974.

The new system (Health System Agencies) is expected to replace the Regional Medical Programs, Comprehensive Health Planning, Hill-Burton Program, etc.

Presently, 15-member conveners groups are operational in the state's six HSA areas and these groups will select members from providers, consumers and elected officials to carry out the law.

The N. C. Pharmaceutical Association is making a concerted effort to assure at least one pharmacist (provider) representative on each of the state's area boards. So far, success in one area: B. Cade Brooks of Fayetteville (Area V).

Since the HSAs will have authority, under most circumstances, to review the use of federal health funds coming into their areas, the NCPhA considers it essential that Pharmacy be represented on each of the area boards and has acted accordingly.

The NCPhA-Endorsed Insurance Plans Which Merit Member Participation

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"A SPECIAL KIND OF MATTER." A NEW FILM IN UPJOHN'S EDUCATION MOTION PICTURE SERIES

The life story of the prostaglandins, a family of hormone-like substances with vast medical potential, is told in a new film titled "A Special Kind of Matter" in terms which the layman as well as the professional can understand.

Commonly called the PGs, the unique prostaglandins are found in minute amounts in almost every cell and tissue in the human body. Some research scientists have termed them "the wonder drugs of the 70s" because, some day, they may be used to treat a wide range of ailments, including high blood pressure, ulcers, asthma, arthritis and other inflammatory diseases.

The film, developed by The Upjohn Company, traces the search for the prostaglandins and their role in the body beginning with their discovery in the early 1930s and describing intensive investigations which continue today. It records the pioneering work of Dr. Ulf S. von Euler of Sweden who extracted PGs from sheep vesicular glands and coined the name prostaglandins.

"A Special Kind of Matter" also features Dr. Sune Bergstrom and his colleagues at the Karolinska Institute in Stockholm and tells of their remarkable unravelling of the molecular structure of the first PGs. Bergstrom's classic research made it possible for biochemists at Upjohn and elsewhere to produce prostaglandins synthetically. This vastly increased the supply available for experimentation in laboratories around the globe. The film depicts this world-wide cooperative research activity and highlights the potential promise of the prostaglandins.

To date, more than a dozen natural prostaglandins have been discovered. As the film points out, one or another of them appears to control or meditate an infinite variety of physiologic functions.

The 16mm film runs 27 minutes and features full color with sound. It is available on a temporary, free-loan basis for viewing by general audiences as well as professionals in the medical and paramedical fields. Requests for prints, listing alternate dates, are handled by The Upjohn Company Corporate Film Library, Unit 9816-88-0, 7000 Portage Road, Kalamazoo, Michigan 49001.

BIRTHS

Mr. and Mrs. Ronald L. Holland of Dallas announce the birth of a son, Joseph Michael, on Tuesday, September 9, 1975.

The Hollands also have a 19 months-old daughter, Millie. Ron is a 1969 graduate of the UNC School of Pharmacy and is associated with Akers Center Pharmacy in Gastonia.

DEATHS

ROY C. SHEPHERD JR.

Roy C. Shepherd, Jr., 46, Lexington pharmacist, died September 5 at Forsyth Memorial Hospital in Winston-Salem after a serious illness of one day.

A graduate of the UNC School of Pharmacy (1953), Mr. Shepherd was vice president and pharmacist for Southern First Aid Supply Company of Lexington.

W. D. Tennant Jr.

Walter Douglas Tennant, Jr., 69, Crossnore pharmacist, died August 23 at Garrett Memorial Hospital after a brief illness.

A native of Georgetown, South Carolina and a graduate of the UNC School of Pharmacy (1925), Mr. Tennant established the Crossnore Drug Store (1944) following employment with Liggett in Charlotte and Greensboro. He retired in 1970.

Mr. Tennant was active in church and civic affairs, having served as chairman of the Avery County Morehead Scholarship Committee, chairman of the Avery County Board of Elections for 10 years and treasurer of the Crossnore Presbyterian Church.

Survivors include his widow, Mrs. Faye Aldridge Tennant; one daughter, a pharmacist, Mrs. Linda Taylor; and three sons.

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION

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1st Vice-President: Tom R. Burgiss, Drugcare of Alleghany, Sparta 28675
2nd Vice-President: Eugene W. Hackney, P. O. Box 1085, Lumberton 28358
3rd Vice-President: Herman W. Lynch, P. O. Box 617, Dunn 28334
Secretary-Treasurer & Executive Director: W. J. Smith, Box 151, Chapel Hill 27514

COMMITTEES 1975-75

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Tom R. Burgiss, Drugcare of Alleghany, Sparta 28675
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PHARMACY CALENDAR

OCTOBER

8—1-day program "Improving Your Pharmacy Image" sponsored by the Woman's Auxiliary of the NCPhA. Institute of Pharmacy, Chapel Hill.

12—"The Expanding Role of Pharmacy and the Professional Fee"—Symposium sponsored by the UNC School of Pharmacy, NCPhA and N. C. Society of Hospital Pharmacists in cooperation with Lederle Laboratories. Governors Inn, Research Triangle Park, N. C.

12—NARD Convention, Miami Beach, Florida

21—Program sponsored by the Wake County Pharmaceutical Association in cooperation with the UNC School of Pharmacy and Wake AHEC.

NOVEMBER

6-7—Seminar for Medical Service Representatives, Governors Inn, Research Triangle Park, N. C.

15—North Carolina Academy of Pharmacy Dinner, Morehead House, Chapel Hill, N. C.

CLASSIFIED ADVERTISING

Classified advertising (single issue insertion) 10 cents a word with a minimum charge of $3.00 per insertion. Payment to accompany order.

Names and addresses will be published unless a box number is requested.

In replying to "blind" ads, address Ad. No._____, Carolina Journal of Pharmacy, P.O. Box 151, Chapel Hill, N. C. 27514.

RELIEF PHARMACIST WANTED—For October 8-25. Rooming quarters provided at no charge. Call (704—526-2366) Jack Alexander, Highlands Rexall Drugs, Highlands, North Carolina.

STAFF PHARMACIST WANTED—Rutherford Hospital has an immediate opening for a full-time staff pharmacist. Salary is negotiable. Send detailed resume to Donald D. Sandoval, Assistant Executive Director, Rutherford Hospital, P. O. Box 889, Rutherfordton, N. C. 28139.

PHARMACIST POSITION OPEN—In well established high volume prescription pharmacy in Eastern North Carolina. Exceptional opportunity for an aggressive pharmacist. Write "GD-10," for more specific details.

EQUIPMENT FOR SALE OR LEASE—30 ft. of wall cases with lighted cornices; One 12-ft. Rx counter complete with bottle racks, vial drawers, locked narcotic case, etc.; 60 feet of Rx shelving; 1 Frigidaire Rx refrigerator. Also, hospital beds, walkers, crutches and similar equipment, some new (used in rental dept.). Call/write C. M. McGee, Pittsboro Pharmacy, Box 635, Pittsboro, N. C. 27252.

FOR SALE—Pharmacy in Eastern Piedmont. Annual sales $150,000 (60% Rx). Neat, well-kept store; fixtures in excellent condition. Trim inventory. Profitable, still growing. Owner pursuing other interests. Write FV-10, for additional information.

RELIEF OR PART-TIME PHARMACIST (licensed 1970) available in Chapel Hill, Durham, or Raleigh area. Connie Fearing, Durham telephone (919) 544-3535. Or by mail to 1333 Clermont Drive, Durham 27707.

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Write the NCPhA (address listed above) for application form.

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

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The Carolina **JOURNAL OF PHARMACY**

Volume LV November 1975 No. 11

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SCHOOL OF PHARMACY



Mrs. Louise Brennan (center) of Charlotte, guest speaker at the October 8 fall meeting of the NCPhA Woman's Auxiliary in Chapel Hill, is pictured with Mrs. M. E. Hedgepeth of Henderson, President of the Auxiliary, and Mrs. R. L. Lewis of Charlotte, General Chairman of the Seminar. Details page 32.

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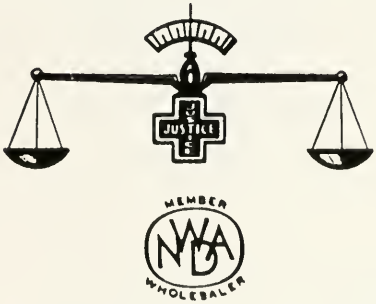
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Additional information available to the profession on request.

We pause in the hustle and bustle of business affairs on this Thanksgiving to offer our "Thanks" for our many friends and customers who have made 1975 our greatest year to date.

Our "Thanks" to all of you who have supported us so faithfully during 1975

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November, 1975

Vol. LV No. 11

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DR. MAX TISHLER PRESENTS THE EIGHTH WALTER H. HARTUNG MEMORIAL LECTURE

Wednesday, November 5th, Dr. Max Tishler presented the eighth WALTER H. HARTUNG MEMORIAL LECTURE in the auditorium of Beard Hall (School of Pharmacy), UNC-Chapel Hill. His topic: "Agaridoxin—Mushroom Metabolite: Structure and Synthesis."

Following a very distinguished career as scientist and administrator at Merck & Company, Dr. Tishler is now Professor of Chemistry at Wesleyan University in Connecticut.

As the eighth WALTER H. HARTUNG MEMORIAL LECTURER, Dr. Tishler is joining a very distinguished group of medicinal chemists selected by the Division of Medicinal Chemistry in a series of lectures commemorating Dr. Hartung who, in his lifetime, was outstanding in medicinal chemistry teaching and research and, for a number of years, a member of the faculty of the School of Pharmacy.

During his visit, Dr. Tishler discussed "Chemistry in the Search of Medicinals" at a lecture of undergraduate pharmacy students and other interested students.

TOMMY SMART: CANDIDATE FOR MAYOR

A candidate for Mayor of Hamlet is Pharmacist Tommy Smart.

Pharmacist Smart is owner of Mabry's Drug Store, a graduate of the UNC School of Pharmacy (1963), and has been active in the business, civic and religious life of his hometown.

He is a former president of the Hamlet Chamber of Commerce; a deacon and former chairman of the Deacon Board at Hamlet's First Baptist Church; a senior warden with the Masons; a member of the Hamlet Mayor's Commission on Human Relations and the Hamlet Recreation Commission.

He is also chairman of the Richmond County Board of Health, a director of the First Southern Savings & Loan of Hamlet, and a member of the Board of Directors of Hamlet Hospital.

He is married to the former Miss Margaret Bruce of Inman, South Carolina. They have four children.

DAVIS NAMED TO HEALTH SERVICES COMMISSION

Thomas Peete Davis of Yanceyville has been named to the State Commission for Health Services by Governor Jim Holshouser.

Pharmacist Davis is a partner in the operation of Yanceyville Drug Company. He is a director of N. C. Mutual Wholesale Drug Company and the Yanceyville Branch of Northwestern Bank. He is a past winner of the Caswell County Jaycee's Distinguished Service Award and is active in the Yanceyville Methodist Church.

A graduate of the UNC School of Pharmacy, Pharmacist Davis is married to the former Barbara Pittard and they have two children.

HOW TO VERIFY THE DEA NUMBER

Here's the formula for detecting a falsified physician's DEA number:

1. Add the first, third and fifth digits.
2. Then add the second, fourth and sixth digits and multiply the sum by two.
3. Add your two numbers and the last digit of this sum will be the same as the last digit of the DEA number.

Take DEA number 1234563.

Add 1 plus 3 plus 5 = 9.

Then add 2 plus four plus 6 times 2 = 24
9 plus 24 = 33.

The last digit "3" corresponds to the last digit in the DEA number 1234563.

FACT: Forged CS prescriptions are on the increase in North Carolina.

NARD CONVENTION

More than thirty North Carolina pharmacists and their wives attended the October meeting of the NARD, Miami Beach. Jesse Pike continues as a member of the NARD executive committee. Details in future issues of the NARD Journal.

CHARGES PILL CAUSED STROKE $3.5 MILLION SUIT

A Cabarrus County woman has filed suit in Superior Court, Concord, seeking $3.5 million in damages from the manufacturer of a birth control pill, a local doctor and a local pharmacy.

The woman, Ms. Alice M. Batiste, charges that use of the oral contraceptive, Ovral, caused her to have a "serious stroke" and, thereby, caused her to "sustain severe, painful, disabling and permanent illnesses."

Named in the suit filed by her attorneys, Gary Davis and Nelson Casstevens of Charlotte, were American Home Products Corp. of Delaware; its subsidiary, Wyeth Laboratories of New York; Dr. Henry J. Ritchie, a longtime Concord general practitioner; and Pike's Drug Store of Concord.

The suit seeks $1.5 million in actual damages from the four defendants and $2 million in punitive damages from the two drug companies.

A jury trial was requested in the suit. No date has been set for a hearing.

According to Davis, Ms. Batiste, 27, was a junior sociology major at Barber Scotia College, maintaining a 3.7-point grade average, on Oct. 2, 1972, when she began using the drug on the advice of Ritchie.

She suffered a stroke Nov. 19, 1972, Davis said, and as a result has been "unable to go back and finish her education and enter the career she had planned to pursue."

Davis said that her husband, Harold L. Batiste, works in vocational rehabilitation at Stonewall Jackson Training School. The couple has a son, born last February, Davis said. The family lives on Starwood Avenue in Cabarrus County just across the Mecklenburg County line.

Davis said the suit was not filed until this week because of legal complications and because she was "still in quite serious condition for some time after the stroke and we didn't know the medical outcome."

Davis said, Ms. Batiste has "a disabled entire right side" and her condition has affected her ability to read, to comprehend and to express herself.

The suit contends that the drug manufacturer failed to label the drug with proper warnings, failed to conduct adequate tests for safe human use of the drug and failed to recall the product from the market after the manufacturer knew or, "in the exercise of reasonable care, should have known" that the drug was unsafe.

SPOTLIGHT ON N. C. MUTUAL DRUG

F-D-C REPORTS (The Pink Sheet), issue of September 29, 1975, featured North Carolina Mutual Wholesale Drug Company of Durham with these highlights:

1. Built $23 million volume in 22 years.
2. FY 1975 profit before rebates 13.12% of sales.
3. Inventory turned 10.5 times.
4. Has 275 member-stores.

Ralph P. Rogers, Jr., Mutual's executive vice president, presented an illustrated program at the September 21-24 meeting of IPDA (International Pharmaceutical Distributors Association) at White Sulphur Springs, West Virginia.

SWANSBORO GAINS NEW MD

Swansboro gained an additional doctor when Dr. William Linthicum started practice there.

Dr. Linthicum will have his office in Dr. Leslie B. Morton's clinic at 21 Sabiston Drive.

He is a graduate of the University of Maryland Medical School and concluded his family practice residency there from 1971 to 1974.

Dr. Morton, who was recently appointed to the staff of the Onslow Memorial Hospital, is planning to build a new clinic next to the Walgreen Agency drug store on NC 24 in Swansboro.

A contract has been let for building the new clinic and construction is expected to get underway in 30 days.

ALERT

If an unknown person requests an opportunity to check the pharmacy's security system, be certain this is a legitimate request. Some pharmacists have encountered such requests under suspicious circumstances. If your protective system can be bypassed, this is an open invitation to an almost certain future break-in.

Sell Kriswill Pipe Tobacco.



Make 35% profit and new customers, too.

We've got some great advertising that will get people to come into your store and buy their first pouch of Kriswill.

Once they try it they'll come back because Kriswill is great, it's new, and it isn't sold everywhere.

For selling this mild, Danish tobacco, you'll make 35% commission. And we offer the same 35% on Sunda — our other Danish import. Sunda is completely different from Kriswill, and promotions on it will be available soon.

We're also importing fine handmade Danish pipes. And on these, 50% profit for you.

All of these products are superior, and the price is reasonable. They're the kinds of products people will thank you for telling them about.

For information, prices or promotionals, write Jim O'Daniel; Danson, Inc.; 400 West Wilson Creek Drive; New Bern, N.C. 28560.

PHARMACIST IMPORTS TOBACCO FROM DENMARK

It all started 12 years ago when pharmacist Jim O'Daniel got a complimentary pouch of Kriswill tobacco with a new pipe. He was really impressed with the tobacco. It was extra mild. But it also had real flavor. Soon he began stocking it in his store.

"I'd always stocked imported pipes," says O'Daniel. "I thought they were so much better than regular pipes. And I wanted to share them with my customers. It was the same with Kriswill. I just thought people might like to know about it."

And sure enough—people did. With very little coaxing Kriswill was soon outselling all other pipe tobacco's combined—in Jim O'Daniel's store, that is. People really loved it. And O'Daniel's pharmacist partner, Ed Edmondson, even gave up cigarettes for the new Danish tobacco.

Back then Kriswill was imported by Gulf Western Company. But abruptly, in 1974, they stopped importing Kriswill. And for nearly a year, O'Daniel was unable to get it.

"My customers were really unhappy," he recalls. "Everyone liked the tobacco so much. They kept asking for it. And poor Ed couldn't stand any other pipe tobacco. He eventually went back to cigarettes."

So in 1975 O'Daniel began negotiations with the Kriswill manufacturers in Denmark. And several months later, it was all settled—the sole U.S. distributor of Kriswill (and its new sister tobacco, Sunda) was Danson, Inc.—a corporation set up by Jim O'Daniel and his business partner, Skip Hudson.

"People sure were glad to get Kriswill again," remembers O'Daniel. And really that was the main thing he wanted—to get the tobacco for his customers. The idea of marketing Kriswill on a large scale basis really didn't seem very important to him at the time.

Then along came W. J. Smith and organized a Pharmacy Association excursion to Denmark. And, as luck would have it, the pharmacists were sharing a plane with UNCG graduates. And Skip Hudson's wife just happens to be a UNCG grad. So guess who the first two people were to get on that plane.

"It was just great timing," says O'Daniel. Skip and I really jumped at the chance to see the Kriswill operation first hand."

What they saw was really impressive. The little factory with its 20 skilled workers —many of them lifetime employees.

"They buy this tobacco from all over the world," says O'Daniel. And then comes the long and complicated process: steaming, cut-

(Concluded on page 36)



Representatives from the Kriswill plant on a recent visit to New Bern. Left to right are Skip Hudson; Poul Kjaerby, plant manager; Christopher Petersen, owner of the company; and Jim O'Daniel. The men are smoking the Sunda Pipe—a handmade Danish pipe soon to be imported to this country by Danson.



TAR HEEL DIGEST

BREVARD—For 85 years a drug store has been on the northwest corner of the Square in Brevard . . . but no longer. The Brevard Pharmacy, Bob Whatley, owner/manager, has moved to the Dogwood Plaza Shopping Center. The new location provides display space four times larger than the pharmacy's previous quarters.

SELMA—For 23 consecutive years, Creech Drug Company has sponsored a "Pigskin Guessing Contest" with prizes to weekly winners and a Polaroid Land camera at the end of the season.

HAMLET—Pharmacist Tommy Smart is a candidate for the Mayor's post (see additional news this issue of The Journal).

WINSTON-SALEM—The Director of Pharmacy Service at N. C. Baptist Hospital, Ronald H. Small, conducts a class in pharmacology on a regular basis for pharmacy techs, RNs and others at the hospital.

RALEIGH—W. H. (Bill) Wilson keeps on the go with executive committee service to these three organizations: N. C. Association of Professions, N. C. Medical Care Commission and N. C. Pharmaceutical Association.

GASTONIA—Revco's second Gastonia store, opened recently in the Cherry Plaza Shopping Center, is managed by Pharmacist Charles Hite. Terry Heatherton is the assistant manager.

SCOTLAND NECK—After 65 years of operation, the soda fountain at McDowell's Pharmacy has been closed by Pharmacist 'Spec" McDowell.

RURAL HALL—Joel Ragan has joined the staff at Stanleyville Discount Drug as pharmacist manager.

CONOVER—A portrait in memory of the late Pharmacist Billy L. Price has been placed in Conover Drug Company by his widow, Hilda, and sons Billy and Alex.

AHOSKIE—Michael L. Stegall of Statesville, a 1974 graduate of the UNC School of Pharmacy, is manager of the new People's Drug Store, newly opened in the Newmarket Shopping Center.

YANCEYVILLE—Vernon Massengill has announced plans to open a pharmacy in Yanceyville in early 1976. A graduate of the UNC school of Pharmacy (1972), Pharmacist Massengill is now associated with Tarheel Drug Company, Graham.

CULLOWHEE—After selling his pharmacy, Pharmacist H. A. Leigh and his wife left for a 6-weeks visit to Europe.

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (ACT OF OCTOBER 23, 1962); SECTION 4369, TITLE 39, UNITED STATES CODE

Carolina Journal of Pharmacy, published monthly at Chapel Hill, North Carolina.

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I certify that the statements made by me above are correct and complete.

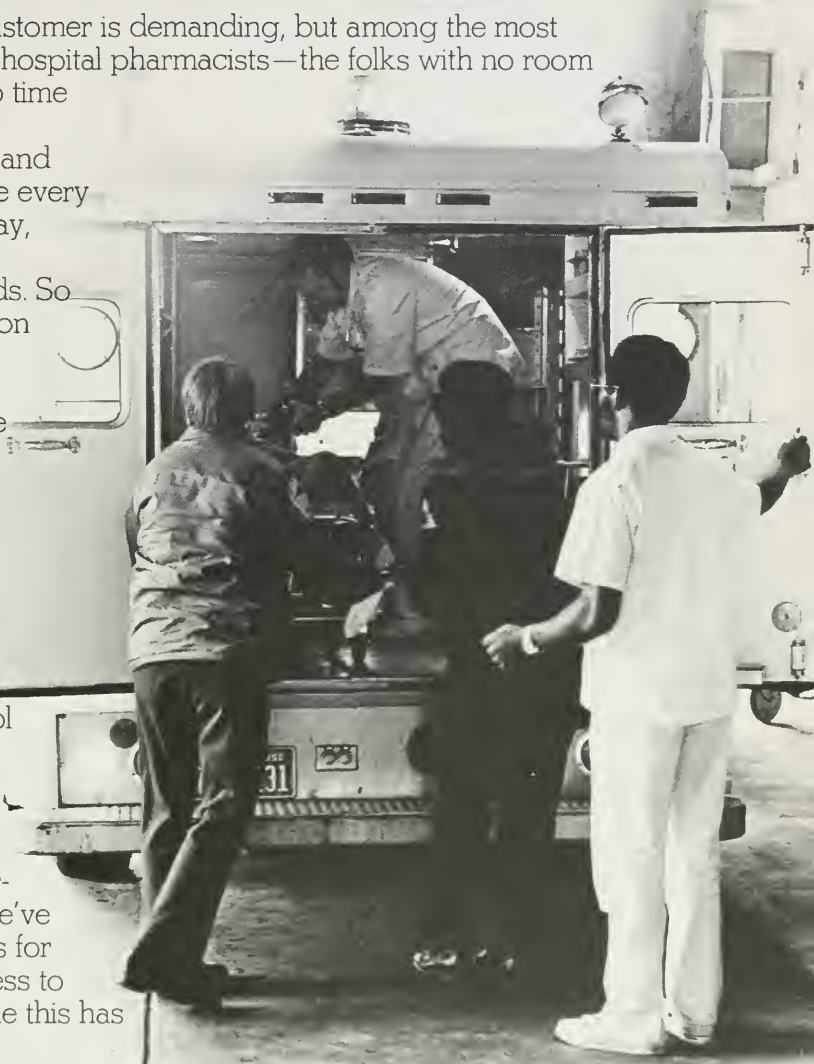
S/s W. J. SMITH
Editor, Business Manager

September 22, 1975

WE SERVICE THE PEOPLE WITH NO ROOM FOR ERROR AND NO TIME TO WAIT.

Every customer is demanding, but among the most demanding are hospital pharmacists—the folks with no room for error and no time to wait.

With life and death on the line every hour of every day, we service and satisfy their needs. So it stands to reason if we can satisfy their needs, we can do the same for your pharmacy. To meet these demands, we've implemented our DATAREX® Service as a continuous inventory control for day-by-day stocking of all essential requirements. And when emergencies arise, we've made provisions for that, too. Needless to say, a service like this has caught on.



Today more and more hospitals are turning to Gilpin. But we understand there's no room for error and no time to wait in your pharmacy either.

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GILPIN
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Wholesale druggists since 1845.

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Empirin® Compound 250's still have easy-open, easy-close, fiddle-free caps



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No need to create cap-opening difficulties for people who can't cope with child-resistant closures. The elderly and the handicapped. Households without children. (To accommodate these users, each manufacturer of aspirin-containing analgesics is permitted by law to make one size available without a safety closure.)

The Empirin Compound 250 tablet bottle is the right choice for them. Easy to open. Easy to close. Easy to take.

Good profit sense, too

Every Empirin Compound "250" you sell can bring you a profit of up to $1.10* Yet one facing uses only 4⅝ inches—scarcely more than most analgesic 100's do.

Make the most of every analgesic inch on your shelves. Make it with Empirin Compound 250's.

*Based on suggested list prices.

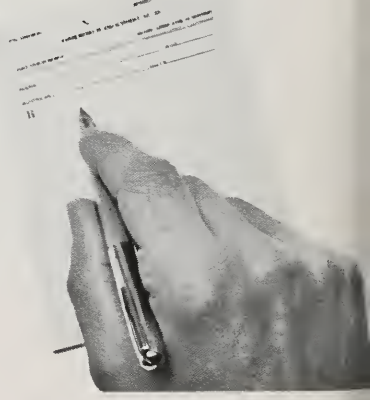
Wellcome / **Burroughs Wellcome Co.**
Research Triangle Park
North Carolina 27709



John F. Craft, professional medical representative, and Ralph H. Langdon, district manager, Abbott Laboratories, present engraved Golden Hour Clock to John A. McNeil and son, Sandy, in commemoration of the pharmacy's 100th anniversary. The Whiteville pharmacy is the oldest operating in North Carolina.



Bioequivalence



the weight of scientific opinion:

Are drug products equally safe and effective simply because the chemical content is the same?

Definitely not, unless bioequivalence tests and other quality assurance checks have been conducted. The pharmaceutical industry and many scientists have maintained this position for years, but others have questioned it. Now the Office of Technology Assessment of the Congress of the United States has reported on the issue in its Drug Bioequivalence Study.*

Here are a few definitive statements in the O.T.A. report:

"...the problem of bioinequivalency in chemically equivalent products is a real one. Since the studies in which lack of bioequivalence was demonstrated involved marketed products that met current compendial standards, these documented instances constitute unequivocal evidence that neither the present standards for testing the finished product nor the specifications for materials, manufacturing process, and controls are adequate to ensure that ostensibly equivalent drug products are, in fact, equivalent in bioavailability.

"While these therapeutic failures resulting from problems of bioavailability were recognized and well documented, it is entirely possible that other therapeutic failures and/or instances of toxicity that had a similar basis have escaped attention."

The Pharmaceutical Manufacturers Association supports



federal legislative amendments that would require manufacturers of duplicate prescription pharmaceutical products, subject to new drug procedures, to document:
(a) chemical equivalence; and
(b) biological equivalence, where bioavailability test methods have been validated as a reliable means of assuring clinical equivalence; or
(c) where such validation is not possible, therapeutic equivalence.

In addition, the PMA supports federal legislation that would require certification of all manufacturers of prescription products before they could start in business, annual inspections and certification thereafter, and strict adherence to FDA regulations on good manufacturing practices.

The overall quality of the United States drug supply is excellent. But only a total quality assurance program, envisaged in these and other policy positions adopted by the PMA Board of Directors in 1974, can bring about acceptable levels of performance by all prescription drug manufacturers and thereby assure the integrity of the prescriptions you dispense...

Pharmaceutical Manufacturers Association
1155 Fifteenth Street, N.W.
Washington, D.C.
20005

P·M·A

*Copies of the complete report on Drug Bioequivalence may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

protecting the integrity of the Rx's you dispense

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Another SMITH Service that will provide you shelf labels and price stickers for every item ordered. Supplied in invoice sequence.

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HOW'S YOUR RETAIL IMAGE?—Good? Bad? Indifferent?—Consult your Smith Representative about our Associated Druggist Program. Some of the advantages of this program are hometown newspaper advertising—buying advantage—clerk training program—In store promotion materials and store advertising fliers.

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PHARMAFICHE

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WHY USE PHARMAFICHE?

1. Quick reference for up-to-date cost and retail prices.
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What Do You Get?

1. The Fiche will be up-dated every 2 weeks.
2. Alphabetic listing—shows 6 digit order number for fast accurate re-orders written or phoned in.
3. Retail price, carton or case pack, sizes, pharmaceutical classification (Legend-Control, etc.), discontinued by SWDC or manufacturer symbol and the manufacturer of pharmaceuticals will be shown on each item.
4. A separate Fiche listed by Smith stock re-order number is for reference.
5. Many other uses as the need arises. Such as: special promotions, listing of S. C. Medicaid items, etc.

SLAVIN NAMED MANAGER OF LILLY'S TRADE RELATIONS

George F. Slavin has been named manager of trade relations for Eli Lilly and Company.

Slavin joined the pharmaceutical company in 1960 as a sales representative. He was transferred to the home office in 1965 as a retailer services associate and was named a professional relations associate in 1971. He served as editor of *The Lilly Digest,* an annual publication for retail pharmacists, from November, 1965, until May, 1973, when he was transferred to the firm's Washington, D. D., office as manager of government affairs. He also served as the first editor of *The NACDS–Lilly Digest,* a publication for chain drug stores.

Born in Garden City, N. Y., Slavin graduated from high school there in 1955 and received a Bachelor of Science degree in pharmacy from St. John's University in 1959. Hofstra University awarded him a Master of Business Administration degree in 1965.

Slavin is registered as a pharmacist in New York and Washington, D. C.

LICENSED PHARMACIES—NORTH CAROLINA

	Independent	Chain
1970	856	194
1971	837	213
1972	841	232
1973	855	249
1974	854	280

Note: The totals may vary slightly from the official records of the N. C. Board of Pharmacy but the information is believed to be essentially correct.

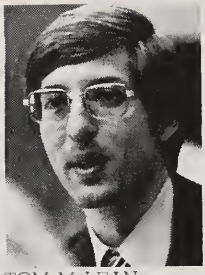
EVERYTHING'S GOT A NAME

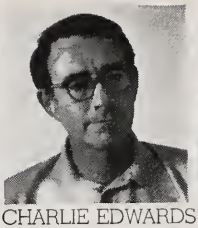
Chemical name—7-(D-alpha-amino-alpha-phenylacetamido)-3-methyl-3-cephem-4-carboxylic acid, monohydrate

Generic name—cephalexin monohydrate

Brand name—Keflex®

From Lilly's HEALTH HIGHLIGHTS


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CHARLIE EDWARDS


OLGIE TARR


JAMES TEACHEY


KEN MC ARTHUR


WALKER CRUMP


JOHN HARRISON


JACK CANUPP


BOYD BARNETTE

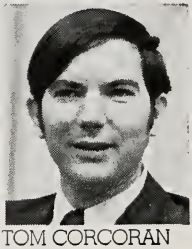

JON COLEY


HORACE FLANIGAN


LENNIE CASEY


CHARLOTTE YOUNT


JIMMIE HODGIN


TOM CORCORAN

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Division of SmithKline Corporation

SK&F

DISASTERS

Major and Minor

DUNN

A display on drug prevention used by Police Chief Ron Peters of Coats was stolen on September 11.

KERNERSVILLE

Burglar alarms at Stonestreet Drug Company and Scottie Discount Drugs prevented loss of merchandise although the unknown parties did gain entrance to the two pharmacy operations thru roof-top air conditioning vents.

ROANOKE RAPIDS

Central Pharmacy—A Roanoke Rapids man has been arrested in connection with a break-in at the pharmacy.

STONY POINT

Mack's Pharmacy—The front door of the pharmacy was smashed by ramming it with a car, then CS drugs were taken.

SANFORD

A 19-year-old Durham man was arrested after he allegedly attempted to pass a forged prescription for CS drugs at Mann's Drug Store and Lee Drug, Jonesboro.

RALEIGH

Melvin's Pharmacy, Glenwood Avenue—An assistant professor of English at NC State University was arrested at the pharmacy and charged with obtaining drugs with a forged prescription.

CLINTON

Clinton police have charged a pair of Wilmington residents with forgery and possession of controlled substances after the pair allegedly used bogus prescriptions to obtain CS drugs from a Clinton pharmacy. Dilaudid was involved.

LEXINGTON

Center Street Pharmacy—In an attempted break-in, the only thing that would-be burglars achieved was flooding part of the pharmacy. A hole was chopped in the roof of the pharmacy, allowing rainwater to gush in. A roofing beam prevented direct entrance to the pharmacy by the unwelcome visitors.

ROXBORO

Cole's Pharmacy—After entering the pharmacy through a hole in the roof, thieves took cash from the pharmacy's safe and a quantity of CS drugs from a cabinet.

MOREHEAD CITY

Randall Lloyd Powers and Teresa Gail Buchanan have been convicted on charges stemming from the theft of prescription blanks from Carteret General Hospital

NEW BERN

Clark's Drug Store—More than $1,000 in merchandise was taken in a burglary at the pharmacy. Entrance was gained by breaking the glass in a side door.

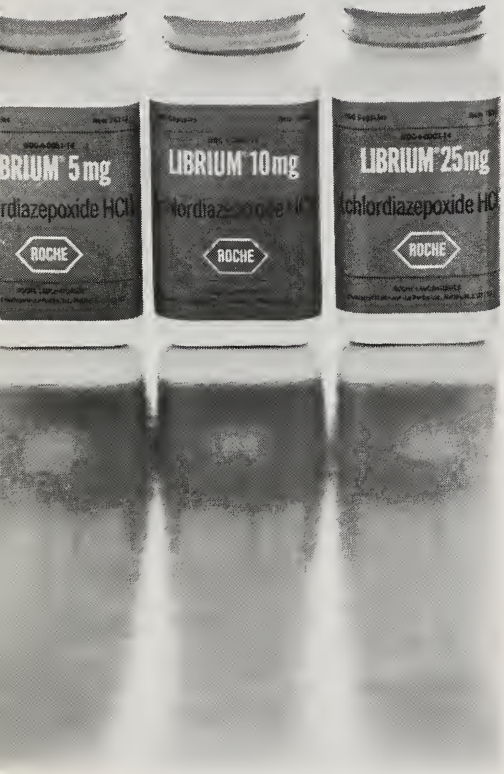
EDEN

Tri-City Pharmacy—CS drugs valued at $181 were taken in a September 7 break-in at the pharmacy. Thieves used a screw driver to pry open a second floor door in the rear of a building housing the pharmacy.

BUNN

Bunn Drug Company—Drugs were taken from the pharmacy in a late September robbery.

LIBRIUM®
(chlordiazepoxide HCl)
FOR ALL THE RIGHT REASONS.



PERFORMANCE. A MATTER OF RECORD

Librium (chlordiazepoxide HCl) has long been recognized as an effective and safe antianxiety agent. Patients taking Librium seldom experience serious side effects or interference with mental acuity (see summary of product information on following page for additional information). Furthermore, Librium has been used in conjunction with many primary medications.

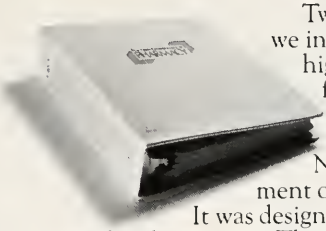
In dispensing Librium, the pharmacist also benefits. As the originator and developer of Librium, Roche Laboratories offers you ready access to the extensive technical information compiled on this psychotherapeutic agent over the past 15 years. You can also take advantage of the additional complimentary services provided by Roche that are relevant to the interests and problems of your profession.

MEDICAL EMERGENCY LINE

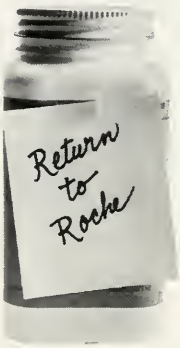
One way Roche provides immediate product information is through the Medical Emergency Line. Roche maintains this direct, 24-hour telephone service (201-235-2355) for specific questions concerning Librium or any other Roche product. For inquiries of lesser urgency, Roche information specialists will supply detailed responses by mail. Of course, your Roche representative is prepared to supply you with a variety of informative materials, such as scientific brochures, reprints and bibliographies related to the pharmacology of Librium and its clinical applications.



THE NEW ENVIRONMENT OF PHARMACY



Two years ago we initiated a highly successful educational service—The New Environment of Pharmacy. It was designed *by* pharmacists *for* pharmacists. The purpose is to keep you informed of current trends in pharmacy and the changing factors affecting your profession. Subjects covered include new government regulations, drug interactions and new concepts and techniques in pharmacy management. If your pharmacy has not already enrolled in this program write: The New Environment of Pharmacy, Roche Laboratories, Division of Hoffmann-La Roche Inc., P.O. Box 283, Nutley, New Jersey 07110.



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It is the Roche policy to reimburse the pharmacist for all Roche products that may be outdated or discontinued. This liberal policy enables you, as a busy pharmacist, to keep your stock up to date and to maintain a proper inventory.

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Please consult complete product information, a summary of which follows:
Indications: Relief of anxiety and tension occurring alone or accompanying various disease states.
Contraindications: Patients with known hypersensitivity to the drug.
Warnings: Caution patients about possible combined effects with alcohol and other CNS depressants. As with all CNS-acting drugs, caution patients against hazardous occupations requiring complete mental alertness (*e.g.*, operating machinery, driving). Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage; withdrawal symptoms (including convulsions), following discontinuation of the drug and similar to those seen with barbiturates, have been reported. Use of any drug in pregnancy, lactation or in women of childbearing age requires that its potential benefits be weighed against its possible hazards.
Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (*e.g.*, excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically.
Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.
Supplied: Librium® Capsules containing 5 mg, 10 mg or 25 mg chlordiazepoxide HCl. Libritabs® Tablets containing 5 mg, 10 mg or 25 mg chlordiazepoxide.

ROCHE
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GOES O.T.C. IN A BIG WAY...

INTRODUCTORY DEAL

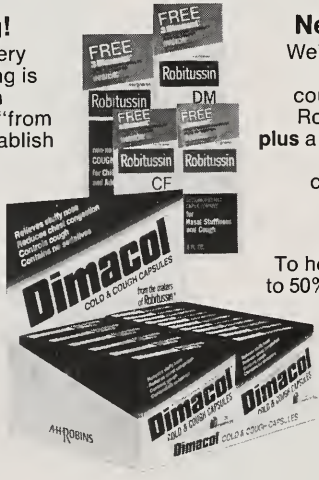
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Available in foil sealed units of 12 and 24 capsules, the optimum size for customer trial and continuous turnover.



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STATE BOARD OF PHARMACY

Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. Rhododendron Pharmacy, Bakersville, N. C. 28705. Susan Kilgore, pharmacist manager.
2. Danbury Discount Drugs, Danbury, N. C. 27016. Hugh T. Bradsher, pharmacist manager.
3. Wally's Pharmacy, Rockford Street, Mount Airy, N. C. 27030. Wallace A. Johnson, pharmacist manager.
4. Peoples Service Drug Store, Inc., New Market Shopping Center, Memorial Drive, U. S. 13 South, Ahoskie. Michael J. Stegall, pharmacist manager.
5. Benthall's Discount Pharmacy, Windsor, N. C. 27910. Robert M. Martin, pharmacist manager.
6. Minton's Pharmacy, Highway 19-23, Candler, N. C. S. S. Minton, Jr., pharmacist manager.
7. Roanoke River Pharmacy, Inc., U.S. 64 By-Pass, Plymouth, N. C. 27962. A. Barden Robbins, pharmacist manager.
8. Hamilton Drugs, Inc., Trenton, N. C. 28585. Ralph Hamilton, Jr., pharmacist manager.
9. Melvin's Pharmacy, Commerce Park, Highway 70 West, Raleigh. William Darrell Estes, pharmacist manager.
10. Harrell's Pharmacy, Highway 411, Harrells, N. C. James C. Herring, pharmacist manager.

CHANGE IN OWNERSHIP

1. Dayvault's Drug Store, 915 West Avenue, Lenoir, N. C. W. Michael Pearson, pharmacist manager.
2. Center Pharmacy, University Drive, Cullowhee, N. C. 28723. A. Paul Chancellor, pharmacist manager.

INSTITUTIONAL

1. Chunns Cove Nursing Home Pharmacy, 67 Mountain Brook Road, Asheville, N. C. 28805. Danny L. Randall, pharmacist manager.
2. Student Health Service, Clark Hall Infirmary, N. C. State University, Raleigh. June Bush West, pharmacist manager.

RECIPROCITY

1. Hal D. Kelley from South Carolina
2. Robert C. Lowe from Tennessee
3. David E. Ebbeler from Indiana

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UNC SCHOOL OF PHARMACY SPONSORS MSR CONFERENCE

On November 6-7, the School of Pharmacy of the University of North Carolina sponsored a Medical Services Representative Conference at the Governors Inn, Research Triangle Park, N. C.

The day and half program included these topics presented by the faculty as indicated:

PHARMACOKINETIC CONCEPTS FOR MSR'S—M. Robert Blum, Ph.D., Assistant Professor, Division of Pharmaceutics, UNC School of Pharmacy.

WHAT MSR'S SHOULD KNOW ABOUT BIOAVAILABILITY—Seymour Blaug, Ph.D., Dean, UNC School of Pharmacy.

SHOULD MSR'S BE CLINICAL PHARMACISTS?—Fred M. Eckel, President, American Society of Hospital Pharmacists and Associate Professor, UNC School of Pharmacy.

MSR'S AND THE KENNEDY PROPOSAL—Allen Fox, Counsel, Senate Health Subcommittee, Washington, D. C.

PHYSICIAN CONTROLLED SOURCE SELECTION: THE POTENTIAL IMPACT OF SUBSTITUTION ON MANUFACTURERS—Bruce M. Chadwick, Attorney, Division of Marketing Practices, Federal Trade Commission, Washington, D. C.

COMMUNICATION DEMANDS OF MEDICAL SALES REPRESENTATIVES—J. L. Peterson, Manager, Sales Training, Eli Lilly and Company, Indianapolis, Indiana.

DINNER SPEAKER—Clealand Baker, Vice President, Planning, Burroughs Wellcome Company, Research Triangle Park, N. C.

SELECTION OF A PHARMACY(IST)—Jean Gagnon, Ph.D., Associate Professor, Pharmacy Administration, UNC School of Pharmacy.

PATIENT NON-COMPLIANCE—Daniel Hussar, Ph.D., Dean, Philadelphia College of Pharmacy and Science.

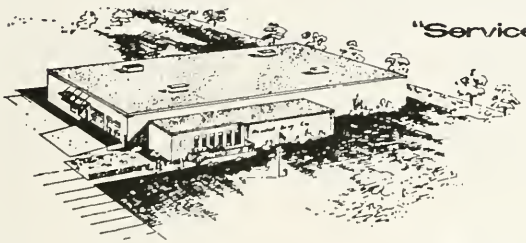
ROLE OF MSR WITH:

WHOLESALER—Frank Fife, Executive Vice President, Owens, Minor, and Bodeker, Inc., Wilson, N. C.

RETAILER—CHAIN AND COMMUNITY—Jesse Pike, Executive Committee, National Association of Retail Druggists.

HOSPITAL—Evelyn Williford, Chief of Pharmacy, Dorothea Dix Hospital, Raleigh, N. C.

PHYSICIAN—James R. Harper, M. D., Chapel Hill, N. C.



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Up-to-date Sales Appeal With
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We have the answer to your needs with our:

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WHY WE DO THE THINGS WE DO

by W. Seymour Holt, Vice President and General Manager
Dista Products Company, Indianapolis, Indiana

It's certainly a pleasure to have this opportunity to discuss with you, the pharmacists of tomorrow, some very important aspects of the health care delivery field.

Before getting started, I'd like to sincerely thank Miss Gail Wiggins for this invitation. What she didn't know was that it doesn't take much urging to get an alumnus to come back to Chapel Hill.

Gail informs me that you are interested in pharmaceutical research and marketing policies; or, more simply, "why we do the things we do." In addition, I would like to talk a little bit about MAC and its implications because I believe that MAC in its present form will have a serious negative impact on pharmaceutical research in this country. Rather than go into great detail, I'll make some fairly brief comments on the "state of the art" and then attempt to answer any questions that you may have. It's no secret that the research capacity of the pharmaceutical industry constitutes an invaluable national asset. In the last 30 years, this "capacity to innovate" has produced 90% of all new drugs. The results have helped revolutionize the *treatment* and *prevention* of disease.

For example: Since 1950, the incidence of acute poliomyelitis has decreased 99.6%. . . . whooping cough has decreased 99%. . . . tuberculosis has decreased 85%. . . . and on and on down the list.

In 1950 the average stay in a mental hospital was 28 months—today it is 8 months. NEW DRUGS have played the principal part in this "revolution"—and the genesis of new drugs is SCIENTIFIC RESEARCH.

Last year our company spent over $93 million on RESEARCH AND DEVELOPMENT. In addition, another $80 million was invested in laboratories and equipment. An incalculable sum has been spent over the years to build a scientific community at Lilly—that is, a highly trained group of professionals working in unison for the benefit of society.

Mr. Holt was guest speaker at the October 8 meeting of the NCPhA/APhA Student Branch, UNC School of Pharmacy, Chapel Hill.



W. SEYMOUR HOLT

Our policy is to direct *major* efforts toward BREAKTHROUGH drugs that significantly improve the treatment of serious illness. In doing so, four basic conditions prevail:

1. the chance of success are least—
2. the effort and expense required are the greatest—
3. the potential benefit to society is greatest—
4. the potential financial return has to be sufficient to support such a policy.

Society's greatest health needs are in areas of heart disease, cancer, arthritis, and viral and infectious disease. Lilly's major research efforts have been, are, and will be in these and similar areas.

You might be thinking: "Why do the drug companies wastefully duplicate their research efforts?" or "can't just one organization do all the research in a particular area?" We believe that MULTIPLE APPROACHES are needed to solve the complex problems of drug research. This diversity is achieved by having MANY organizations work on the SAME health problems. For example: nine British and American firms tried to produce working

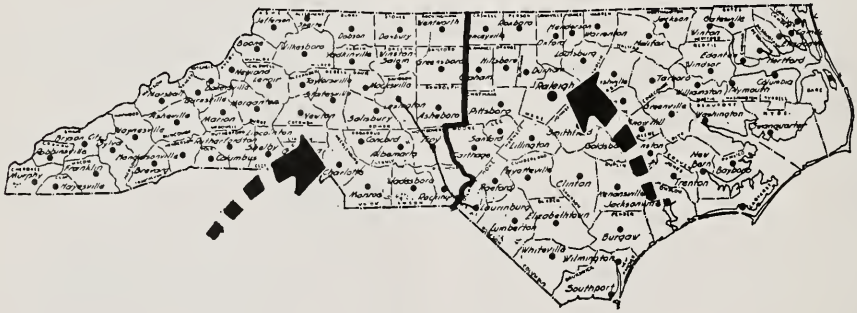
(Continued on page 27)

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WHY WE DO THE THINGS WE DO

quantities of the cephalosporin nucleus, the basic starting material for the first clinically useful cephalosporin antibiotics. All had received the same basic information from Britain's National Research and Development Corporation. Lilly chemists solved the problem in 1960—eight other *highly competent* research staffs approached the problem differently and were unsuccessful.

When we feel the safety and effectiveness of a compound has been proven, a new drug application (NDA) is submitted to the FDA. The NDA includes all data from the animal and clinical studies plus complete manufacturing specifications. The FDA examines the evidence and then either rejects the drug, asks for more data, or approves it for marketing.

One recent Lilly NDA contained more than 200,000 pages of information—that's nine stories high! The subject of this massive study is fenoprofen, a new agent that combats pain, inflammation, and fever and is effective in the treatment of arthritic diseases. Our clinical program for fenoprofen included more than 65 separate studies that were conducted by scientists at more than 100 medical institutions.

The total study involved 5,000 patients in 17 countries. The patent was issued on this drug in 1969, and it is still not approved for marketing in the U.S.

This process is costly and time consuming, but it assures the patient that available therapeutic agents will be BOTH safe *and* effective.

After a drug is marketed, Lilly physicians constantly monitor its performance. They also investigate new uses for the compound and often try to improve its formulation. Certain medicines that require lifelong use have been studied for *years* through the outpatient services of the Lilly Clinic in Indianapolis. As you might well imagine, all these activities are reflected in the price your patient pays for his therapy.

Now lets turn our attention to DRUG MARKETING AND PROMOTION. No subject has received more criticism in the last 20 years. The practicing physician considers three types of information when selecting appropriate therapy for his patient:

1. drug-related information
2. patient-related information
3. information gained from the clinician's own experience

The pharmaceutical sales representative's function is to deliver this information in a *meaningful* way to both the pharmacist and the physician.

The greater majority of Dista and Lilly sales representatives are pharmacists. We feel the pharmacist possesses the unique capability of being able to discuss and clarify the various aspects of therapy as they relate to our pharmaceutical products. Does the public derive any benefit from this individual? We think so. The promotion policy that BEST serves the public need is one that RAPIDLY and EFFECTIVELY diffuses information to those professionals who prescribe, dispense, and administer drugs. Each individual patient is then most likely to receive the RIGHT drug in the RIGHT amount by the RIGHT method at the RIGHT time.

If the busy health practitioner did not consider drug promotion useful, he could—and would—*refuse* to see the pharmaceutical representative. Presently, only 4% of physicians refuse to receive pharmaceutical representatives.

We, you and I as pharmacists, frequently hear the *consumer* say that drugs are far too expensive. Perhaps we should attempt to put drug expenditures in perspective.

Consider these facts:

a. Out of each dollar spent by the consumer for health care, only 8 cents is spent for prescription drugs. (The manufacturer receives only 4 cents of the 8 spent.)

b. In the case of hospital care, drugs are even *less* a part of total expenditures. In an average hospital bill of $1,000, only $24 is for the purchase of drugs ($12 of which is received by the manufacturer).

c. Over the last 7 years, the official government cost-of-living index rose by more than 47%. Hospital fees rose an incredible 102%. During this same period, the price of Lilly and Dista drugs rose less than 1%. Prescription drugs in general rose 3%.

We, as pharmacists, should be proud of these facts! Does the patient realize that this drug

(Continued on page 29)

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WHY WE DO THE THINGS WE DO

therapy just may get him back to work a day or two sooner? Does the patient ever stop and consider the well-documented effect of drug therapy on his personal longevity? Finally, does the patient have enough information to *decide* whether or not a chemically-equivalent substitute for his present therapy really results in more economical care or is it just because READERS' DIGEST told him to do so? Health professionals should strive to become conversant in this area. The consumer, through various government regulations and fiats, is playing an increasingly important role in the determination of how health care will be delivered in this country.

The Maximum Allowable Cost (or MAC) regulations that our government is currently trying to implement would *undermine* quality health care, would *inhibit* research and development of new therapeutic agents, and are fiscally *unjustified.*

The HEW objective of saving government money is sound. Their MAC plan is not. MAC is predicated on a set of assumptions which do not stand up under economic or scientific scrutiny.

The HEW assumptions are refuted by the evidence:

1. Chemically equivalent drugs are not necessarily therapeutically equivalent.
2. The FDA does not guarantee, nor can it assure, bio-availability and uniform quality or purity.
3. Price controls will not result in cost savings.
4. While the costs of medical services have been increasing rapidly, drug prices have not.
5. The drug industry, not the government, has been responsible for the discovery and development of most of our life-saving medicines.
6. Research would not be able to flourish as productively under MAC.

It would be quite short-sighted, and perhaps foolish to assume government dictated cost controls will stop at the manufacturer's level. One need only examine an analogous situation in England. Since the National Health Service plan was instituted in 1955, 25.2% of British pharmacies have been forced to close their

(Continued on page 30)

WHY WE DO THE THINGS WE DO

doors. This is a NET decline and rather accurately reflects the economic impact of government cost controls on the pharmacist.

And then the physician, he has been hardest hit of all the health professionals. The physician in England today is very much over worked and under paid. This country has a high proportion of foreign trained physicians because of the so-called brain drain. Physicians have been emigrating to other countries, especially to the U.S. and South Africa. Twice a year exams are given in London to qualify British physicians to practice in the U.S. In 1972, 404 took the exam; in 1973, 828; in 1974, 1019; and in 1975, 5000.

I think it's evident that nationalizing the health care industry would not guarantee better health care for Americans.

I'll finish my formal comments by discussing some of the criticisms recently aimed at the industry in general. Lilly and the industry are often at a loss to evaluate and act upon criticism when much of it is fundamentally *contradictory*. For example:

1. The pharmaceutical industry is criticized for lack of competitiveness; at the same time, it is criticized for promotional activities that represent vigorous *rivalry* for business.
2. The industry is attacked as *monopolistic* while at the same time it is criticized when several companies manufacture "identical products."
3. The industry is criticized if prices for the same or similar products are *identical;* yet it is also faulted when such prices vary *widely*. Sound familiar?
4. Critics accuse the industry of favoring riskless R&D projects that create "me-too" drugs but propose measures that would inevitably dry up the income needed to support the riskier types of research and development.

The *resolution* of these contradictions would enable Lilly and the industry to pursue objectives with a better understanding of public and legislative expectations. In the meantime, constructive changes should be made to help solve immediate problems.



Debra Sue Ellis, a senior at the School of Pharmacy, University of North Carolina, is the recipient of a $1500 award from Johnson and Johnson Pharmaceuticals for the best pharmacy administration essay in a nationwide competition. The award is being presented by Dr. Seymour Blaug, Dean of the UNC School of Pharmacy. Debra is from Farmville, North Carolina.

Eli Lilly and Company fully supports the need for:

1. Better clinical pharmacology training for medical and pharmacy students, practicing physicians and other health care professionals. How and why drugs work is essential information for the person prescribing or dispensing them.

2. More objective and comprehensive collection and interpretation of *total* drug experience. Knowledge about adverse reaction is vital, but so is knowledge about effectiveness, appropriate prescribing, and use of medicines. Using an unneeded drug is wasteful and can be hazardous. Not using a needed drug is equally wasteful and perhaps even more hazardous.

3. Scientific studies to determine the *therapeutic equivalency* of chemically equivalent drugs.

4. Ethical promotional practices by companies, including the proper use of samples and the prohibition of gifts designed to improperly influence prescribing.

5. The thorough training of pharmaceutical sales representatives and the establishment of competence standards.

6. High standards in manufacturing practices and quality control.

7. Better price information for physicians and consumers.

8. Better consumer protection measures, such as expiration dates on all medicines and product coding systems that provide clear identification of a manufacturer's products, both on the product form and the package.

Lilly will also commit appropriate technology, manpower, or money to any collaborative effort to achieve these ends.

Lilly's objective is to ensure that prescription medicines are used properly and only when needed. This requires a process that is essentially educative and communicative. The physician, pharmacist, patient, and pharmaceutical company must first acquire appropriate information. Each must then fully and accurately communicate relevant information to the other.

I think it's safe to say that all of us have as our common objective, better health care for all Americans, young and old and rich and poor. We at Eli Lilly and Company do not have the answer, but I am firmly convinced that more government bureaucracy is not the solution to all human ailments. Our free enterprise system has produced not only the greatest country in the world, but has also produced the greatest health care system. Let us not forget that. I believe that pharmacists, physicians, industry and government working together can assure better health for all Americans.

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IMPROVING OUR PHARMACY IMAGE

Mrs. M. E. Hedgepeth of Henderson, president of the NCPhA Woman's Auxiliary, presided at the Fall Seminar of her organization when it convened at the Institute of Pharmacy, Chapel Hill, October 8. The program was planned around the Auxiliary's theme, "Improving our Pharmacy Image."

Featured speaker and discussion leader was Mrs. Louise Brennan of Charlotte, well known for her wide range of activities in political, church, education, and community circles. Topics covered included Leadership Development Skills, Public Speaking, and Communication. Interaction of Participants through Small Group Involvement followed the presentation of subject material.

The Seminar program included a Welcome from L. Milton Whaley of Wallace, President of the NCPhA, and a report from B. Cade Brooks, Chairman of the Institute of Pharmacy Building Facility.

The organization's service project for the year was presented by Mrs. Rheta Skolaut of Durham, projects chairman. The service project entitled "Operation Flower Pot '76" involves the decorating of flower pots, filling them with fabric flowers or live plants, and distributing them to long-term patients in hospitals and nursing homes. An exhibit of fabric flowers and decorated flower pots was held during the Coffee Hour and Registration Period preceding the Seminar.

William H. Wilson of Raleigh, immediate past-president of the N. C. Pharmaceutical Association, was featured in a discussion session entitled "How to Answer 'Sticky' Questions."

The soup-and-sandwich luncheon served by the Mortar-and-Pestle Club of Durham, was followed by a dessert of Ice Cream Flower Pots. Guests at the luncheon included Seymour Blaug, dean of the UNC School of Pharmacy; W. J. Smith, NCPhA Executive Director; Joy Mooring, recipient of the Auxiliary's Lucile S. Rogers Scholarship Grant; and Debra Ellis, recipient of the Vivian S. Smith Scholarship.



Presentation of the Vivian S. Smith Scholarship by Dean Seymour Blaug to Debra Ellis and the Lucile S. Rogers Scholarship by Mrs. Morris Hedgepeth to Joy Mooring.
Mrs. B. Cade Brooks

Following the Seminar, registrants toured the School of Pharmacy to view recent redecoration and remodeling.

Mrs. R. L. Lewis of Charlotte served as general chairman of the Seminar, and assisted Mrs. Hedgepeth in conducting the meeting. The Institute of Pharmacy staff assisted in preparing program materials and supplies.

Mrs. Joe Augustine, Financial Secretary of the NCPhA, was presented a gift in appreciation for her serving as custodian of the Auxiliary's scholarship and other funds.

The Auxiliary's Executive Board met following the Seminar. Those present, in addition to Mrs. Hedgepeth and Mrs. Lewis, were Mrs. Paul Branch, Boone; Mrs. A. H. Mebane, III, Greensboro; Mrs. L. M. Whaley, Wallace; Mrs. J. H. Upton, Greensboro; Mrs. James R. Hickmon, Fayetteville; Mrs. J. Weaver Kirkpatrick, Waynesville; Mrs. W. J. Smith, Chapel Hill.

WINSTON-SALEM

The first meeting of the year for the Winston Salem Apothecary Club was held September 11, 1975 at the home of Mrs. G. C. Hartis, Sr. (Lillian) with Mrs. James Sitison (Shelby) serving as co-hostess.

Officers for the year are: President, Mrs. Barry Watson (June); Vice-President, Mrs. DeWitt Barker (Flora); Secretary, Mrs. G. C. Hartis, Jr. (Margaret); Treasurer, Mrs. Al Moir (Rea).

The club has had as its project for the past two years helping the Mental Health Clinic by providing volunteers and refreshments on a once-a-month basis. This will be continued this year with Mrs. Debbie Ortman and Mrs. Joan Landreth serving as co-chairmen for this. 16 people were present.

The Winston-Salem Apothecary Club held its regular meeting in the home of Mrs. Bill Simmons (Edith) with Mrs. Bill Brantley (Virginia) as co-hostess, on October 2.

The speaker was Mrs. Ellen Yarborough of the Mental Health Clinic. She thanked the club for its continued support of the clinic and urged more of the members to participate, speaking eloquently of the rewards received by those who had volunteered in the past. She also spoke of several resources available in the community to those in need.

Plans were made for some of the club members to attend the Fall Convocation in Chapel Hill.

The Christmas social was planned as a dinner and white elephant sale at the YWCA or some other appropriate place. 16 members were present.

CAPE FEAR

Mrs. B. Cade Brooks of Fayetteville is the newly installed president of the Cape Fear Pharmaceutical Auxiliary.

The installation ceremony took place on September 17 at a meeting of the Auxiliary at the Highland Country Club. The officers were installed by Mrs. George W. Markham:

President: Mrs. B. Cade Brooks
Vice President: Mrs. Howard D. Brooks
Secretary-Treasurer: Mrs. W. A. West
Historian: Mrs. H. P. Underwood
Publicity: Mrs. George W. Markham

Mrs. Sanford Price presided during the business meeting which preceded the officer installation.



Mrs. B. Cade Brooks

UNC PHARMACY SCHOOL NOTES

STUDENT BRANCH

W. Seymour Holt, Vice President and General Manager of Dista Products Company, was guest speaker at the October 8 meeting of the NCPhA/APhA Student Branch, UNC School of Pharmacy.

Mr. Holt's remarks entitled "Why We Do The Things We Do" appears in this issue of The Journal beginning on page_____.

DR. HAGER REAPPOINTED BY THE AIR FORCE

Dr. George P. Hager, Professor of Medicinal Chemistry, UNC School of Pharmacy, was recently reappointed pharmacy consultant to the Surgeon General, U. S. Air Force.

Dr. Hager was originally appointed consultant in 1967 and this reappointment marked the ninth year the Surgeon General has appointed Dr. Hager for this position.

Dr. Hager visits various Air Force medical facilities in this country and abroad on a periodic basis to advise on pharmacy matters.

DEAN BLAUG SPEAKS TO PHARMACY GROUPS

Dr. Seymour Blaug, Dean, UNC School of Pharmacy, will speak to the New Hanover Pharmaceutical Society, Wilmington, on October 15. The subject of Dean Blaug's presentation is "Contact Lenses." On October 21, Dr. Blaug will speak on "Pharmacist Continuing Education in North Carolina" to the Cape Fear Pharmaceutical Society in Fayetteville.

PAOLONI NAMED PHARMACY AWARD WINNER

The North Carolina Society of Hospital Pharmacists named Claude U. Paoloni its 1975 Achievement Award Winner. The presentation was made at the Society's annual banquet held at the Carolina Inn on September 27.

Paoloni, an associate professor of pharmaceutics, UNC School of Pharmacy, was honored for his dedication to the Society and all North Carolina pharmacists by the development and presentation of continuing education courses and the work he is doing as director of pharmacy Area Health Education Centers. Paoloni also directs the School's new externship program which places senior students in North Carolina pharmacies to give them actual training experience.

The award was presented to Paoloni by Foy Bradshaw of Tarboro, president of the North Carolina Society of Hospital Pharmacists.

OLSEN RECEIVES PHARMACY GRANT

The Research Triangle Institute announced the awarding of a $15,000 grant to Dr. James Olsen, Associate Professor of Pharmaceutics, UNC School of Pharmacy. The grant supports a project titled "Cannabis and Cannabinoids."

DR. RUSSELL APPOINTED BOOK REVIEW EDITOR OF EDUCATIONAL GERONTOLOGY

Dr. George D. Russell, Assistant Director, Area Health Education Centers program, University of North Carolina School of Pharmacy, has been appointed Book Review Editor of *Educational Gerontology,* a new international quarterly journal scheduled to begin publication January 1976.

Educational Gerontology will be concerned especially with exploring all aspects of the relationship of human aging to continuing education. The journal represents an international interdisciplinary effort on the part of such fields as gerontology, continuing education, psychology, sociology, and medicine.

Dr. D. Barry Lumsden, University of Florida, is the Editor, and a distinguished group of educators and gerontologists from twenty countries will serve on the Editorial Board.



LILLY PROMOTES VAUGHN BRYSON

Vaughn D. Bryson has been promoted to area director for Japan and Southeast Asia by Eli Lilly International Corporation, a subsidiary of Eli Lilly and Company.

A native of Gastonia, N. C., Bryson graduated from high school there in 1956. He received a Bachelor of Science degree in pharmacy from the University of North Carolina in 1960 and completed the Stanford-Sloan program at the Stanford University Graduate School of Business in 1967.

Bryson was employed by a retail pharmacy before joining the Lilly firms in 1961 as a salesman in High Point, N. C. He served in various sales positions in North Carolina, Florida, and Georgia until June, 1965, when he was transferred to the company's headquarters in Indianapolis as a market research analyst. Later that year he became a senior personnel representative.

In July, 1967, Bryson was named a personnel manager, and a few months later he became manager of economic studies. He was named a district sales manager in Sacramento in 1968, director of distribution and materials planning early in 1970, and director of sales for the company's Great Lakes region later that year. In 1972 he became director of market research and in 1974, executive director of corporate pharmaceutical marketing planning.

Registered as a pharmacist in North Carolina, Bryson is a member of the North Carolina Pharmaceutical Association, the Stanford Business School Association, and the Economic Club of Indianapolis.

BIRTHS

Mr. and Mrs. Randy Jones announce the birth of a son, Steven Randolph, September 7, 1975. Mr. Jones, formerly with the N. C. Board of Pharmacy, is associated with N. C. Memorial Hospital, Chapel Hill, and with Willow Drive Apothecary. The Joneses also have a daughter.



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They were also impressed by the young plant owner, Christopher Petersen, great, great grandson of the firm's founder. A smart and thoroughly modern businessman—Petersen, like his forefathers, can still roll you a perfect cigar with his skilled hands.

When they got back to the states, O'Daniel and Hudson were so impressed by what they'd seen in Denmark that they decided to market Kriswill on a wider basis.

"What it comes right down to is this," says O'Daniel. "I've been test marketing this tobacco for over eleven years, and I know it's easy to sell. It is so much better than anything that people usually think of as good tobacco. So we've decided to give it the backing it deserves."

What that means is a whole campaign with window banners, shelf stickers, newspaper advertising and radio too.

"We hired professional advertising people and they've done a great job," says O'Daniel. "They came up with a campaign based on a Woody Allen type character. You know—a real mild-mannered guy. But he's got this magnetic personality and he always gets the girl. We wanted to break away from the stereo-typical "he-man" image that you always see in tobacco ads. All those ads look alike. And in real life you don't have to look like a model to be exciting. 'Mild but never boring!' That's one of our slogans. And that's really the tobacco too," says O'Daniel. "I've never tasted a milder tobacco. But it really delivers exciting flavor."

Pharmacists interested in more information about Kriswell can contact Jim O'Daniel at Danson, Inc.—400 W. Wilson Creek Drive—New Bern, N. C. 28560. Telephone—919/638-8270.

CONGRESSMAN HEFNER HAS SOLUTION FOR PHARMACY BREAK-INS/ROBBERY

Congressman Bill Hefner, 8th N. C. District, has introduced legislation to crack-down on drug store robberies.

Hefner said that he introduced the bill, because after the Controlled Substances Act "went into effect and the federal crack-down on drug trafficking was intensified, pharmacists have become a prime target of drug-related crimes."

Hefner pointed out that from 1973 to 1974, the number of such crimes rose from 4,333 to 6,320, an increase of 45 percent.

"A Senate subcommittee study of this topic revealed that 89 percent of all controlled drugs stolen are taken from pharmacies," the 8th N. C. District Congressman said.

According to Hefner, the emphasis that federal law enforcement officials have put on stopping the illegal marketing of drugs has not been matched with a similar concern for the new victims—the pharmacists.

If enacted into law, this legislation will provide a penalty of imprisonment for up to five years or a fine up to $5,000, or both, for anyone convicted of breaking and entering a retail pharmacy with the intent to steal a narcotic or other controlled substance.

The bill provides that anyone convicted of such a crime who uses force of violence while armed, who assaults any person, or who jeopardizes the life of any innocent person, will receive a fine of up to $10,000 or a prison sentence of 2 to 25 years, or both.

In addition the bill would impose an additional sentence of 10 years to life for any person who kills or maims any other person while committing such a crime.

Hefner said that the implications of this bill go much further, however, than just setting up federal penalties for robbing a retail pharmacy. "By making the burglary or robbery of a pharmacy a federal offense," he said, "this legislation will give federal law enforcement officials the jurisdiction to aid and assist state and local authorities in combating these dangerous crimes."

Hefner was joined by Congressman L. Richardson Preyer who agreed to co-sponsor the legislation. And, Hefner has launched a campaign among his colleagues to get as much support for this legislation as possible.

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The Carolina **JOURNAL OF PHARMACY**

Volume LV **December 1975** **Number 12**



OPERATION FLOWER POT—The Woman's Auxiliary of the North Carolina Pharmaceutical Association service project for the year is entitled "Operation Flower Pot '76." Members are decorating flower pots with paint, decals, lace and fringe, and filling them with live plants or fabric flowers made by the members and distributing them to long-term patients in hospitals and nursing homes. Mrs. Milton Skolaut (left) of Durham is state project chairman and president of the Chapel Hill Auxiliary. Mrs. Erie Cocolas (right) of Chapel Hill is local project chairman. When Auxiliary members deliver the plants to the patients they will be wearing buttons that state "WE CARE."

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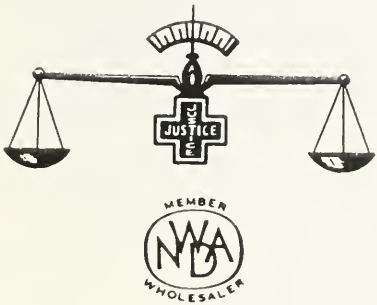
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The Carolina JOURNAL OF PHARMACY

December, 1975

Vol. LV No. 12

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HALL DRUG COMPANY PAYS TRIBUTE TO VANCE McGUGAN

Officials and personnel of the Hall Drug Company, Mocksville, have paid tribute to Pharmacist Vance G. McGugan for 20 years of continuous service for the company.

"It is with a genuine feeling of fondness and appreciation that we of Hall Drug Company salute Vance McGugan. During the past 20-years he has done more than his part in helping us process more than one million prescriptions through this drug store. Very willing and with a cheerful disposition he has always responded when called upon. He has always given of his help and friendship to others," said Robert B. Hall, of Hall Drug Company.

Mr. Hall announced that a special invitation is being extended to the many friends of Vance McGugan to join with them in paying tribute to a "loyal and dedicated pharmacist."

"The fact that the people of Davie County have seen fit to trust us to fill more than a million prescriptions during the past 20-years not only expresses confidence in, and pays a tribute to Hall Drug Company, but also to Vance McGugan who was such an integral part of our company during this period," said Mr. Hall.

Mr. McGugan, a native of Dunn, N. C., joined Hall Drug as a pharmacist on October 16, 1955. In 1968 he became vice-president of the company.

A 1954 graduate of the School of Pharmacy of the University of North Carolina, Mr. McGugan has been active in civic affairs since coming to Mocksville. He is a former member of the Mocksville Jaycees and has headed such civic fund raising drives for the heart fund, girl scouts. A member of the First Baptist Church of Mocksville, he is currently beginning his third term on the board of deacons.

He is married to the former Vera Barber of Spencer. They have one daughter, Keana, and reside on Halander Drive in Mocksville.

If you are interested in hiring 1976 UNC School of Pharmacy graduates (interns), you are welcome to set up an interview or have your needs posted at the school. Contact Leonard Berlow (919-966-1121) or write to him at the School of Pharmacy, Chapel Hill, North Carolina 27514.

FOR SALE—Drug store in Eastern North Carolina; annual vol. $160,000 with 60% in prescriptions. Owner wishes to retire for reasons of age and health. Price flexible. Details from WWCD-12, c/o NCPhA, Box 151, Chapel Hill, N. C. 27514

RELIEF PHARMACIST—Available in the Greensboro-Burlington area. Part time or regular. Salary commensurate with Rx volume. Details by writing "BL-12", c/o NCPhA, Box 151, Chapel Hill, N. C. 27514

FOR SALE—Eastern, N. C. pharmacy located near hospital. Vol. over $160,000. $15,000 down payment with financing available. Contact Don Miller, Professional Placement and Brokerage Service, 309 Walton Road, Morganton, N. C. 28655. Phone (704) 437-8013.

PHARMACIST—With 16 years experience, 10 as manager of independent and chain stores, presently employed, plans to relocate. Will invest in right location. Not interested in usual employee position. JRM-12, c/o NCPhA. Box 151, Chapel Hill, N. C. 27514.

JANUARY 1976 NEWS FEATURES IN THE CAROLINA JOURNAL OF PHARMACY—DETAILS AND PICTURE COVERAGE OF THE 20th ANNIVERSARY DINNER HONORING MEMBERS OF THE NORTH CAROLINA ACADEMY OF PHARMACY; THE 2-DAY MEETING OF THE NATIONAL PHARMACY LEGISLATIVE COMMITTEE AND NCPhA PRE-CONVENTION NEWS INCLUDING BICENTENNIAL PLANS.

2 ECONOMISTS SAY CONTROLS SLOWING DRUG DEVELOPMENT

Stringent government regulation of the drug industry since 1962 is causing the United States to fall behind in the development of introduction of new drugs, two Duke University economists say.

The economists, Henry G. Grabowski and John M. Vernon, say in a statistical study just completed that the U. S. slowdown is a "tradeoff that must be expected" between tighter controls to assure consumer safety and the supply of new drugs.

The trend is an unintended side-effect of regulation that wasn't foreseen 13 years ago when the Kefauver Amendments to the Food, Drug and Cosmetics Act of 1938 were adopted they say.

The Kefauver Amendments were designed to protect Americans from the dangers of drugs such as thalidomide, which had not undergone extensive premarket testing in the United States and was soon found to cause deformed babies. The amendments also were aimed at keeping ineffective drugs off the market.

The landmark 1962 legislation put the Food and Drug Administration directly into the drug development and introduction process, one of the few instances where a government agency exercises extensive control within private industry.

Since the Kefauver Amendments went into effect, Grabowski and Vernon found in their research and that of other investigators that:

—There has been a continuing decline in the number of drugs developed and approved for use in the United States.

—Drug innovation is being concentrated in fewer and larger firms.

—American drug manufacturers are developing and introducing many new drugs abroad, where regulations are less restrictive, before they are approved for use in the United States.

—The time needed to develop and introduce a new drug is 7½ to 10 years, compared with 2½ years in 1962.

—A new drug on the average may cost almost $12 million to develop today, as opposed to $1.2 million in 1962.

The sharply higher costs and lengthy premarket regulatory process affecting U. S. drug manufacturers means that drugs which provide remedies for relatively rare diseases "are among those likely to be significantly cut back due to increased regulation," say Grabowski and Vernon.

They cite figures showing that from 1957 to 1961, 51 firms introduced 233 drugs. From 1962 to 1966, the number of firms dropped to 34, which introduced 93 drugs. By the latest period studied, 1967 to 1971, the number of firms had fallen to 23, and drugs to 76.

Translated into other terms, the Duke researchers say, innovation has declined as a competitive factor in the U. S. ethical drug market, and a large share of the products being sold today are "old" drugs.

Their study leans heavily on the conclusion that greatly increased regulation is the underlying problem, and cites the experience of Great Britain with its "more liberalized, less bureaucratic, pre-market screening process" for new drugs.

There, the number of firms introducing new drugs has increased less concentrated in the largest firms—the opposite of trends being observed in the United States.

The Duke economists found that the share of the British market claimed by U. S. firms or their subsidiaries has dropped steadily since 1962. It now is about 80 per cent of its former size, and they attribute this development to the U. S. law prohibiting the export of any drugs that have not received clearance from the FDA.

Some evidence is coming in, they continue, that regulation is stimulating investment in plants, equipment and research abroad by U. S-based drug firms.

Even a cursory analysis of new drug introductions by U. S. firms "suggests that increasingly these products are being introduced and manufactured abroad before they obtain FDA clearance in the U. S. market," say Grabowski and Vernon.

While this may help arrest the decline in foreign sales by U. S. firms since 1962, they note, it is a "resource shift" caused by regulation that should be weighed against its positive effects—Duke News Service

How to Pick a Good Pharmacist

by Herb Denenberg

You've been hearing a lot about how to save money on the 2.8 billion prescriptions that pharmacists fill and refill in the United States each year. Surveys show that some pharmacists charge twice as much as others—and sometimes more—for exactly the same brand of prescription drug, and that expensive brand-name drugs may cost you 10 times more than their generic equivalents.

What's sometimes forgotten, however, is that the 130,745 licensed pharmacists practicing in the U. S. should be judged by more than their prices. A pharmacist is a professional, like a doctor or lawyer, and depending on how well he does his job, he can help you or kill you. After all, you have to depend on him to give you the right drug from a reputable manufacturer, one that has been properly stored and that has not become ineffective due to age.

A pharmacist has to do more than make sure your prescription is correctly filled with quality drugs. He can spot mistakes made by your doctor and see to it that they are corrected; he should give you detailed advice on how to take drugs and store them; and he should keep a complete record of your drug history to make sure that you're not taking dangerously incompatible drugs. Since there are 5 to 10 million serious adverse drug reactions every year, most of them preventable, you need all the help you can get.

How well have the pharmacists done in professionally prescribing for you? This will be a bitter pill for them to swallow, but according to a long series of studies the answer is not so good. Here are a few examples:

An order was placed at 15 pharmacies in New York City for two separate drugs for the same person—reserpine, a prescription drug used to treat high blood pressure and Dristan, an over-the-counter (non-prescription) drug that should not be taken by anyone with high blood pressure without a doctor's advice. Not one of the 15 pharmacists advised against use of the counteracting drugs.

In Columbus, Ohio, a prescription was handed to 12 pharmacists, then a week later, a different prescription for the same person. The two drugs, if taken together, could produce serious side effects and even death. Eleven of the 12 pharmacists dispensed the drugs without any warning to the patient.

Studies in Buffalo, N. Y., found that pharmacists often suggest inappropriate cough remedies; will sell over-the-counter remedies for children that should not even be used without a doctor's advice, as well as other non-prescription drugs that are to be put to unsafe uses.

Similar studies would produce the same results in any community. I tried one small study in Philadelphia and that's exactly what happened. Anyone who selects a pharmacist at random, without careful checking, is playing Russian roulette with his health. Based on all available evidence, I'd say that a large number of American pharmacists are not doing a fully professional and competent job.

While you may not agree with all the statements here presented, some pharmacists have reported favorable reaction by customers and RX patrons. The copyrighted material appeared in Parade Magazine included as a part of some of our major papers distributed to thousands of Tar Heel readers. Permission to reproduce "How to pick a good Pharmacist" granted by Parade Publications of New York, publishers of Parade Magazine.

To help you judge your pharmacist, I've prepared the following 17-point check-list. If you don't get "yes" answers for most of the questions, you may want to find another pharmacist.

1. Does the pharmacy have a convenient location should you need a prescription in a hurry?

2. Are its hours of business reasonably long, so you can get your prescriptions filled promptly and the advice you need?

3. Does the pharmacy have a telephone number where one of its staff can be reached in the event of an after-hours emergency?

4. Does it have a reputation for honesty and fair dealing? Ask friends, neighbors, your doctor; call the Better Business Bureau; call county and state pharmacy associations and consumer organizations.

5. Is the pharmacy clean? Are floors cleaned and polished? Is merchandise neatly displayed and well-dusted? Are windows and glass cases clean? If a pharmacy looks dirty to a casual observer, think how it looks close-up.

6. Are the pharmacists presentable? Some experts prefer that they wear clean white jackets.

7. Are they readily accessible, or hidden in remote reaches of the store?

8. Do they answer questions satisfactorily?

9. Are they able and willing to serve as your consultant on drugs? A pharmacist should not act as a physician, but he should be ready to counsel you on first aid, over-the-counter and prescription drugs. He should also be able to help you decide when to go to a doctor and not rely on self-medication and self-treatment.

10. When you present a prescription, does the pharmacist ask about the age, condition andttreatment of the patient so he can properly advise you and spot errors made by the doctor, if any?

11. Does he instruct you when and how to take the drug, what drugs or foods may be incompatible with it and on possible activity restrictions (for example, it can be dangerous to drive when taking certain medications)?

12. Does he tell how and where to store drugs and how long the drug remains effective? For example, has a pharmacist ever told you that a medicine cabinet in a bathroom may be a poor place to store a particular drug because of constant changes in temperature and humidity?

13. Does the pharmacist keep your complete medication records along with other details that will enable him to warn you and your doctor about incompatible drugs, overdoses, etc.?

14. Does he explain the use of over-the-counter drugs and warn you about when not to take them (for example, many should not be taken if you have diabetes, high blood pressure and certain other chronic conditions; some are incompatible with prescription drugs; some are better than others, etc.)

15. Does he tell you how to save by using generic drugs rather than brandname equivalents? In most states, a pharmacist cannot substitute generic drugs without the doctor's approval. However, the patient can ask the doctor to prescribe by generic name when generic equivalents are available.

16. Does the pharmacist supply services you need or think are important (and want to pay for) such as delivery of prescriptions, charge accounts, and emergency after-hour services?

17. Finally do you have confidence in the pharmacy and its ability to serve you well. If not, look for another pharmacy?

It won't be easy to find a good pharmacist. Eric Sevareid has written that "every profession, craft and trade now seems half-full of slobs." There are many highly competent pharmacists, and you'll find a good one if you look. Taking a prescription has been described as an act of faith. Perhaps this guide will give you a basis for that faith.

DEAN BLAUG DIES AT 51

—From the Chapel Hill Newspaper

Dr. Seymour M. Blaug, dean of the School of Pharmacy at the University of North Carolina at Chapel Hill, died following a heart attack last night (November 19) in Atlanta. He was 51.

Dr. Blaug was in Atlanta speaking to physicians at Grady Memorial Hospital as part of the Ciba Pharmaceuticals Medical Horizons Program.

Dr. Blaug had been dean of the Pharmacy School since August 1974. He came to Chapel Hill from the University of Iowa where he was a professor of pharmaceutics and a member of the faculty since 1955.

"The University community at Chapel Hill is greatly saddened by the loss of Dean Seymour Blaug," said Chancellor Ferebee Taylor. He made major contributions to our School of Pharmacy during the 15 months he served as dean. In that time, he earned the admiration and respect of faculty and students in Chapel Hill and of members of the pharmacy profession throughout North Carolina. He will be sorely missed."

W. J. Smith, executive director of the North Carolina Pharmaceutical Association, said, "Dean Blaug's passing is a great loss to pharmacy in North Carolina. A gifted educator, he demonstrated an exceptional ability to unite all elements of pharmacy for the common good.

"In the short space of time we were privileged to know and work with Dean Blaug, we recognized that his humanitarian approach to health problems and opportunities would ultimately result in the deliverance of better health care in North Carolina.

"We shall miss his kindness, advice, and sympathetic leadership," he said.

He was a research specialist in drug stability, dosage form development and evaluation, drug interactions, factors affecting absorption of drugs and pharmaceutical aerosols. He won the coveted Abbott Award in 1969 for his contribution to scientific literature in the field of hospital pharmacy.

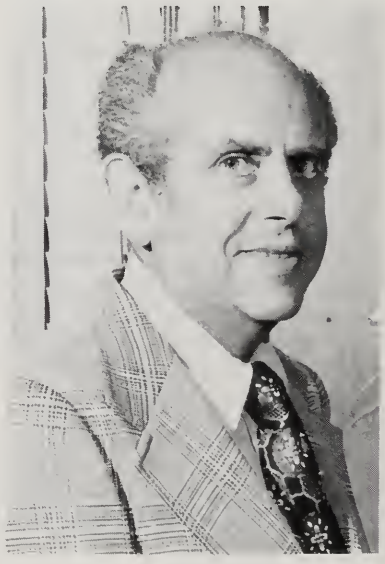
He held a U.S. patent for a biologically absorbable packing material.

A native of New York City, Dr. Blaug earned the B.S and M.S. degrees from Columbia University College of Pharmacy and the Ph.D. degree from the University of Iowa.

He was a member of the Iowa Pharmacy Association's House of Delegates for 10 years and was House chairman in 1969. He also was a member of the American and North Carolina Pharmaceutical Association, Sigma Xi, Rho Chi, the Academy of Pharmaceutical Sciences, and the New York Academy of Sciences.

Among Dr. Blaug's publications are many articles written individually in professional journals and several chapters in the latest editions of *Remington's Pharmaceutical Sciences, Prescription Pharmacy,* and *American Pharmacy.*

He is survived by his wife Babette and four daughters, Carla, Suzanne, Amy, and Elizabeth, all of Chapel Hill; his mother, Mrs. Rose Blaug of Mamaroneck, New York; and two sisters.



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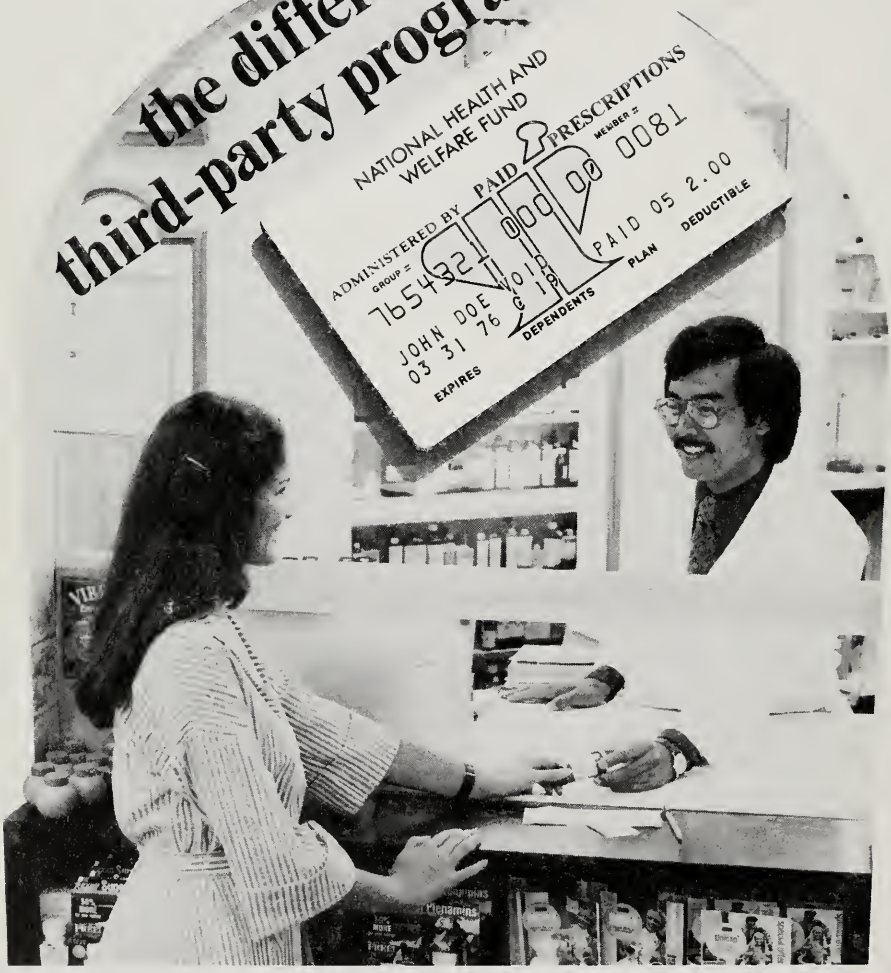
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PHARMACISTS TOP VOTE GETTERS ON ELECTION DAY

• Tommy Smart, Mabry's Drug Store, Hamlet was elected mayor of Hamlet (see page 4 of the Carolina Journal of Pharmacy, November issue).

• Rex A. Paramore, Ward Drug Company, Nashville, was "drafted" by the Nashville voters for another term as mayor of his town (Rex has been mayor of Nashville since 1968 and although reluctant to run for another term, the voters insisted that he continue in his post as head of Nashville's city government).

• J. P. "Poddy" Horton, The Peoples Drug Store, Wilkesboro was reelected a town commissioner and will serve as mayor pro-tem of Wilkesboro.

• Clayburn Hawkins, Hawkins Rexall Drug Company, Madison was elected a member of the Madison Board of Alderman. He received the highest total of votes cast of all candidates for the board.

• Allen Lloyd, James Pharmacy, Hillsboro was top-vote getter of all candidates running for a seat on the town board.

• Frank Hemingway, Bethel Pharmacy, Inc., Bethel, was elected to a third straight 2-year term on the Board of Commissioners of the Town of Bethel.

If you are a pharmacist and are serving in any elected public office, send details to the NCPhA. We are compiling a list of politically motivated pharmacists.

BROWN APPOINTED PROJECT DIRECTOR OF NC'S PAID DRUG PROGRAM

Health Application Systems (HAS) Regional Director Frank F. Yarborough has announced the promotion of Shelton Brown to Project Director of the Paid Drug Program in North Carolina.

Mr. Brown has been a part of the Paid organization in North Carolina for about two years as Director of Professional Services. In his new position, he will not only have the responsibility of maintaining the North Carolina Program but will also coordinateand direct the development of new program procedures and services.

Mr. Brown is a 1970 graduate of the UNC School of Pharmacy. His professional interests and experience have been in both community (Tart & West of Roseboro) and institutional (Sampson County Memorial Hospital, Clinton) pharmacy.

Married to the former Velma Ferrell, the Browns have two sons, Shelt and Ferrell.

NICHOLS PROMOTES SKIP SYKES

Mr. Irving M. Rosenbaum, chairman of the board of S. E. Nichols, Inc., has announced the appointment of R. Nathan (Skip) Sykes, Jr. as General Pharmacy Supervisor for all stores in the Nichols chain, effective November 1, 1975.

Mr. Sykes joined the Nichols operation in October, 1972 with the opening of the first store in Wilson, North Carolina. In November, 1973, he was made Southern Pharmacy Supervisor controlling pharmacy operations in stores in North Carolina, Virginia and Maryland.

As part of his expanded duties, Mr. Sykes will have complete control of all pharmacy operations in the company. Nichols operates stores with pharmacies in New York, New Jersey, Ohio, Maryland, Virginia and North Carolina.

Sykes, a native of Graham, N. C. is a 1967 graduate of the University of North Carolina School of Pharmacy, Chapel Hill, and a member of the North Carolina Pharmaceutical Association. He and his wife Robbie and daughter Mary Margaret, reside in Wilson, N. C.



R. Nathan Sykes, Jr.

COMMITTEE ON CONTINUING EDUCATION NORTH CAROLINA PHARMACEUTICAL ASSOCIATION MEETING WITH THE SCHOOL OF PHARMACY FACULTY COMMITTEE ON CONTINUING EDUCATION, INSTITUTE OF PHARMACY, CHAPEL HILL, N. C., OCTOBER 26, 1975

MINUTES

Members Present: Claude U. Paoloni, Chairman; Ann Angle; Joseph C. Estes, Jr.; Stephen G. Honaker, Sr.; Edward L. Lowdermilk; W. Stanford Tate; Jack H. Upton
Members Absent: John C. Bullock; Wm. V. Van Valkenburgh; Olin H. Welsh
Faculty C. E. Committee Members Present: L. Berlow; R. P. Lafferty
Faculty C. E. Committee Members Absent: B. H. Dennis; J. P. Gagnon; G. D. Russell
Ex-Officio Members Present: S. M. Blaug; L. D. Werley; W. J. Smith

The meeting was called to order at 2:00 P.M. by Mr. Claude U. Paoloni, presiding.

Mr. Paoloni reviewed the materials passed out to those in attendance. He also reported on the recent poll of NCPhA members regarding mandatory continuing education for North Carolina. The response was 40% for enabling legislation to mandate continuing education and 60% against. Mr. Paoloni stated that this showed a rather dramatic increase of those in favor. Only five years ago 19-21% voted for it. In reference to mandatory continuing education it was stated that twelve (12) states now require continuing education for relicensure.

In reviewing the pass-out material, Mr. Paoloni particularly emphasized the faculty sponsored programs now available to local societies and organizations. In addition, he reported on the correspondence courses which should be available on or about December 1, 1975. Further announcements will be made of their availability.

Review of recent continuing education programs was made by the Chairman. These included: "Long Term Care Seminar-Update: A Review of Current Requirements for Pharmaceutical Services in Long-Term Care Facilities"; Ninth Annual Carolina Hospital and Second Annual Carolina Clinical Pharmacy Seminar"; "A Symposium on the Expanding Role of Pharmacy and the Professional Fee"; "Issues in Antibiotic Therapy: Rational Use and New Product Development"; "Pharmacy Seminar on Selected Subjects", Greenville and Charlotte; "Medical Service Representative Conference". Mr. Paoloni explained, in response to a question, why a recent mailing of the program "A Symposium on the Expanding Role of Pharmacy and the Professional Fee" was late. This was due to late receipt of these printed programs from Lederle Laboratories in New York.

Mr. Lowdermilk asked for clarification of continuing education credits insofar as the NCPhA was concerned. Mr. Smith responded by indicating credit was available through the North Carolina Academy of Pharmacy. There is also credit available through the School for courses taken here for those requiring c.e. credit. Mr. Smith also commented on the 20th anniversary dinner of the Academy to be held November 15 at the Morehead House. Dean Blaug will be the guest speaker, and several prominent pharmacists will become honorary members of the Academy.


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A discussion took place regarding the "Tenth Annual Seminar on Socio-Economic Aspects of Pharmacy Practice" scheduled for Wednesday, February 18, 1976. A number of topics were suggested and the following were favorably considered: "Growth, Change, and Projections for Tomorrow's Pharmacists", Ray Gosselin; "FDA's OTC Review", Minna Lablang, Consumer Affairs Officer, Atlanta, Region IV; "Contraceptive Education for Teens", speaker to be announced; "Alcoholism and Drugs", Arthur McBay, Ph.D; "Prescription Pricing", J. P. Gagnon, Ph.D.; "Updating and Projection of Third Party Plans," Shelton Brown. It was decided to limit the program to six presentations—five if one speaker was not available.

Mr. Honaker asked the Committee for suggestions on ways to increase c.e. participation by N. C. pharmacists. After general discussion it was determined that under present circumstances everything possible is being done to encourage participation. It was suggested that Mr. Paoloni institute a study to ascertain how states with mandatory c.e. operate their programs with emphasis on (1) who operates the program; (2) how they are staffed and supervised; and, (3) how they are financed. This information will be mailed to all C. E. members at a later date.

Leonard Berlow
Recorder

Claude W. Paoloni
Chairman



Tom B. Sanders

Announcement was made on November 18 of the sale of W. H. King Drug Company, Raleigh, to the Dr. T. C. Smith Company, Asheville.

Frank S. Smith, president of the Asheville wholesale drug firm, announced the acquisition. Present at the time of the announcement was Canie B. Smith, Executive Vice President, and Frank H. Turner, Smith's data processing director.

The seller was ICN Pharmaceuticals of California. The sale to Smith included Carolina Supply but not King Photo nor King Drug Company, Florence, South Carolina.

W. H. King Drug Company will continue to operate under that name. King's existing staff will be retained.

Tom B. Sanders Jr., a Raleigh native who has been with King for 30 years and has been vice president and general manager since 1970, was named executive vice president in charge of the entire Raleigh operation. Bobby Ray Murray has been named general manager of Carolina Surgical Supply.

This is the first acquisition by the Dr. T. C. Smith Company, which was founded in Charlotte in 1869. It moved to Asheville in 1886 and now has about 60 employees. Dr. T. C. Smith, for whom the firm was named, was the first secretary (188) of the N. C. Pharmaceutical Association. An oil painting of Dr. Smith is on display in the Institute of Pharmacy, Chapel Hill.

W. H. King Drug Company, established in 1899, later included the wholesale drug operations: Peabody Drug Company, Durham; O'Hanlon-Watson Drug Company, Winston-Salem; Bellamy Drug Company, Wilmington; and King Drug Company, Florence, South Carolina. Prior to the just-completed acquisition, Peabody and O'Hanlon-Watson had been merged with King's Raleigh operation and Bellamy sold to W. F. Elmore.

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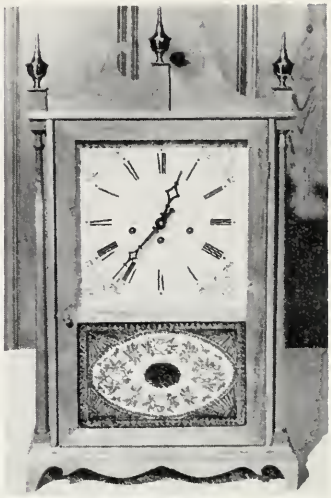
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This unusual mantel clock, handcrafted by Gilbert Hartis, Sr. of Winston-Salem, has been given to the NCPhA woman's auxiliary for use in their fund-raising drive for the remodeling of the kitchen at the institute of pharmacy.



PILLAR & SCROLL CLOCK

A copy of an original by Eli Terry, clockmaker of the early 1800's, of Plymouth, Connecticut.

WOOD: Light finished mahogany.

DIMENSIONS: 30½ " high by 17¼ " wide by 5 " deep.

DIAL: 12⅜ " square; Roman numerials on an antique white background; gold corner decorations.

FINALS: Solid Brass—antique design.

MOVEMENT: 8-day—made in Western Germany

CHIMES: Westminister—chimes on the quarter-hour; strikes on the hour

GLASS PANEL: Copy of original clock; design in muted pink flowers, soft green leaves, a touch of blue—corner designs in gold.

This clock will be sold by sealed bid—with bids to be opened December 15th—in time to use as a Christmas gift if the buyer wishes. To make a bid on the clock, fill out the reply form below, mark your envelope "CLOCK BID" to insure the envelope not being opened before December 20th. Bidding is to start at $200. Buyer will arrange for delivery of the clock.

To W. J. Smith, NCPhA, P. O. Drawer 151, Chapel Hill, N. C. 27514

I would like to bid $_____ for the purchase of the Pillar & Scroll Clock, handcrafted by Gilbert Hartis of Winston-Salem. Upon being notified if I am the successful bidder, I will be prepared to arrange for delivery to my address, and will make stipulated payment to the Woman's Auxiliary, N. C. Pharmaceutical Ass'n.

Name _____

Mailing Address _____

_____ Zip_____

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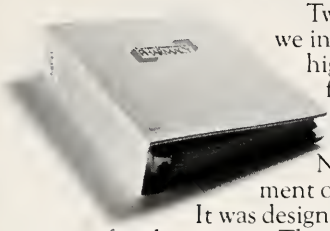
In dispensing Librium, the pharmacist also benefits. As the originator and developer of Librium, Roche Laboratories offers you ready access to the extensive technical information compiled on this psychotherapeutic agent over the past 15 years. You can also take advantage of the additional complimentary services provided by Roche that are relevant to the interests and problems of your profession.

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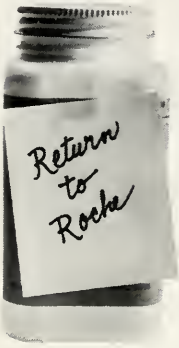
One way Roche provides immediate product information is through the Medical Emergency Line. Roche maintains this direct, 24-hour telephone service (201-235-2355) for specific questions concerning Librium or any other Roche product. For inquiries of lesser urgency, Roche information specialists will supply detailed responses by mail. Of course, your Roche representative is prepared to supply you with a variety of informative materials, such as scientific brochures, reprints and bibliographies related to the pharmacology of Librium and its clinical applications.



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Indications: Relief of anxiety and tension occurring alone or accompanying various disease states.
Contraindications: Patients with known hypersensitivity to the drug.
Warnings: Caution patients about possible combined effects with alcohol and other CNS depressants. As with all CNS-acting drugs, caution patients against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving). Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage; withdrawal symptoms (including convulsions), following discontinuation of the drug and similar to those seen with barbiturates, have been reported. Use of any drug in pregnancy, lactation or in women of childbearing age requires that its potential benefits be weighed against its possible hazards.
Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (e.g., excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically.
Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.
Supplied: Librium® Capsules containing 5 mg, 10 mg or 25 mg chlordiazepoxide HCl. Libritabs® Tablets containing 5 mg, 10 mg or 25 mg chlordiazepoxide.

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TAR HEEL DIGEST

ROCKY MOUNT

May & Gorham Pharmacy has dispensed its millionith prescription. The occasion was recognized by E. R. Squibb & Sons when Squibb MSR Jimmy Womble presented a plaque to Pharmacist William P. Horton and Mrs. E. S. Dalton.

HICKORY

Pharmacist William R. McDonald III, president and co-owner of Viewmont Pharmacy, was one of three Hickory business and professional leaders invited to address a "College Professors Seminar." His topic: "The Free Enterprise System—What it is and How it Works."

SMITHFIELD

Pharmacist Frank Wells of Benson has been appointed a trustee of the Johnston Memorial Hospital.

ELIZABETHTOWN

Alfred Gene Smith has been appointed a member of the Regional Family Planning Advisory Committee of the Lumber River Council of Governments. The organization has its headquarters in Lumberton, North Carolina.

ROANOKE RAPIDS

New owner of Jones Drug Company, Franklin, Virginia, is Pharmacist Beverley F. Carson, formerly associated with Calvin Floyd in the operation of Rosemary Drug Company.

SMITHFIELD

James L. Creech, a past president of the NCPhA, has been elected treasurer of the N. C. Mental Health Association.

WASHINGTON

Dorsey Welch is busy these days serving as District Rotary Governor. One of his responsibilities is to visit each of the 44 Rotary clubs in his district.

WHITEVILLE

Tim Owens has joined Peoples Drug Store as pharmacist and assistant manager of Peoples Whiteville Plaza Drug Store.

MORGANTON

The Burke-Caldwell Pharmaceutical Association, in cooperation with various medical and pharmaceutical firms, sponsored a free diabetes-high blood pressure screening clinic at nine Burke County pharmacies.

DURHAM

A recent meeting of the Durham-Orange Pharmaceutical Association was devoted to how pharmacists can protect themselves against crime. Guest speakers were two Durham detectives specializing in drug thefts.

AHOSKIE

Mike Tucker is employed by Peoples Drug Store as pharmacist and assistant manager. He was formerly associated with Peoples in Washington and prior to that with Cornwell Drug Company of Lincolnton.

KENANSVILLE

Amos Brinson, owner of the Kenansville Drug Store, grows flowers, plants and vegetables but one of his hobbies—the cultivation of pineapples—has attracted more than passing attention on the part of Duplin County citizens.

Geigy

BRETHINE

terbutaline sulfate

Tablets
5 mg.



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Members—David D. Claytor, Greensboro; Harold V. Day, Spruce Pine; Jesse M. Pike, Concord; Jerry Price, Raleigh; W. H. Randall, Lillington; H. C. McAllister, Secy.-Treas., Box 471, Chapel Hill, N. C.

NEW PHARMACIES

1. The Medicine Shoppe, 620 Glenwood Avenue, Raleigh. James A. Thompson, Jr., pharmacist-manager.

2. Kerr Discount Drugs, North Duke Mall, 3600 North Duke Street, Durham. Richard B. Stephens, pharmacist-manager.

3. Medical Arts Pharmacy of Lincolnton, 824 S. Aspen Street, Lincolnton. Harry L. Brogden, pharmacist-manager.

4. Village Prescription Center, Waccamaw Plaza, Lake Waccamaw. Nicholas A. Gross, Jr., pharmacist-manager.

5. Revco Discount Drug Center, Highway 150/601 Bypass, Salisbury. Joel L. Hager, pharmacist-manager.

6. Kerr Discount Drugs, Village Square Shopping Center, 653 Western Blvd. Extension, Cary. Marion B. McCurdy, pharmacist-manager.

7. Millers Creek Blue Ridge Pharmacy, Highway 16/Old 421, Millers Creek. Robert Dwayne Patterson, pharmacist-manager.

8. Fulbright's Pharmacy, 709 College Road, Greensboro. Keith N. Fulbright, pharmacist-manager.

9. Rx Shoppe, Inc., Live Oak Shopping Center, Southport. Thomas C. Owens, pharmacist-manager.

10. D-Rex Drugs, 406 East Harper Street, Lenoir. Jeffrey G. Blanchard, pharmacist-manager.

11. Black River Pharmacy, Atkinson. Sara W. Batts, pharmacist-manager.

TRANSFER OF OWNERSHIP

1. Medical Park Pharmacy, Inc., 708 A Fleming Street, Hendersonville. George W. Caisse, pharmacist-manager.

2. Cornwell Pharmacy, 2203 South Sterling Street, Morganton. Richard D. Williams, pharmacist-manager.

RECIPROCITY

1. James Roy Reed from Indiana
2. Donald Lloyd Maxam from Indiana
3. Virginia Clark Turner from Virginia

DEATHS
GEORGE P. THORNTON

George Palmer Thornton, age 77, Goldsboro pharmacist, died October 24.

For many years, Mr. Thornton was associated with B. R. Ward in the operation of the Goldsboro Drug Company. In 1947, he established the Ash Street Pharmacy which continues in operation.

Reaco

A. E. P. Tablets $22.50 per 1000
$30.00 Doz. 100s

Pyridoxine HCl (B6) 25 mg. Tablets
$1.20 per 100

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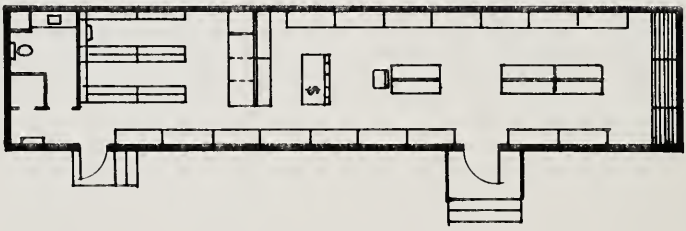
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The relocatable pharmacy was designed and developed by Roland Thomas, who has over 14 years experience in drug store planning. The concept originated to give the pharmacist complete flexibility while minimizing the investment, overhead and risks in establishing a new pharmacy.

The first relocatable pharmacy was opened at Old Fort, N. C. in late 1974, with gratifying results. As the name implies, the unit may be easily and inexpensively moved without having to completely disassemble the interior fixtures and equipment.

The specially designed double-reinforced 12' x 60' unit has many standard features, including central air conditioning, furnace, fluorescent lighting, exterior wood siding, commercial-type glass door, and all interior Rx. Dept. and sales area fixtures and equipment. Optional features are also available, such as carpet and burglar alarm system.

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DISASTERS
Major and Minor

WALLACE

Whaley Drug Company, Rockfish Plaza—Warrants have been issued for two men wanted in connection with a breaking, entering and larceny of CS drugs and merchandise from the pharmacy on October 15. Entry to the pharmacy was by cutting a hole in the roof.

CONCORD

Parks Pharmacy—A 17-year-old Concord youth has been given a 12-month sentence in a state juvenile correctional institution for his part in a break-in of the pharmacy.

ROCKY MOUNT

Eckerd's Drug Store, Englewood Square—Thieves entered the store by cutting a hole in the roof, broke open a safe inside the store and stole more than $1,600 in cash and various merchandise items.

HENDERSONVILLE

Northgate Pharmacy, 1322 Asheville Highway—Three out-of-state residents have been arrested following theft of CS drugs from the pharmacy.

ROXBORO

Cole's Pharmacy—Thieves cut through the roof of the pharmacy, broke open the pharmacy's safe, and stole CS drugs and cash.

DUNN

B & C Community Drug Store—An attempt to rob the pharmacy by two young Negro men was prevented when Pharmacist Byron Johnson drew a pistol and fired at the pair who made a hasty departure from the scene, one by the front door and the other by the back door.

MOUNT AIRY

Hospital Pharmacy, 817 Rockford Street—A female clerk's screams prompted two young men to abort an armed robbery of the pharmacy.

ABERDEEN

Revco Drug Store, Center Park—An unknown person or persons entered the pharmacy after throwing a hammer thru the front top window. Case still under investigation.

ROBERSONVILLE

Village Pharmacy—After breaking a sky light and letting himself into the pharmacy by a ski rope, drugs, an assortment of merchandise and $110 in cash were taken.

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We are proud of our long association with North Carolina druggists through The Carolina Journal of Pharmacy and its editors. *The Journal* is now in its fifty-fourth volume, and the first printed copy was "Seeman Printed."



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MARIJUANA: AN UPDATE

By Steven R. Moore
Lecturer in Drug Education
School of Pharmacy

Though by far an unsettled topic of discussion in various social and legal circles, the current situation of marijuana use and "abuse" in our society continues. Marijuana has been recognized and noted in medical and historical journals for thousands of years. Literally millions of persons have utilized its effects (Queen Victoria utilized it to relieve her menstrual cramps), yet today it remains a subject of constant controversy and comment. The accumulated material is voluminous and growing at an amazing rate. Hardly a day goes by without a new medical or social claim as to its effects. Still, there appears little concensus as to its real danger in the medical, legal, or societal areas.

Medical: Despite the multitude of studies which have been conducted in the last few years, there has been really very little to show any real deliterious effects of clinical significance. Indeed, many of the supposedly harmful effects have either been disproven in replication, or were unable to be duplicated. Dr. Thomas E. Bryant, president of the Drug Abuse Council (an independent organization supported by the Ford Foundation) has pointed out that many of the research results "more nearly resemble propaganda than scientific research." The claims of irreversible brain damage, lowered body resistance to infection, increased birth defects, precancerous lung changes, and sterility to men have largely been disproven. Long term effects appear minimal in a National Institute of Mental Health study completed in Jamaica under strict scientific protocol.[1] The study went on to point out that the much publicized "amotivational syndrome" was more a cause of chronic marijuana use than a result of marijuana abuse. Indeed, there has yet to be a toxic level established for tetrahydrocannabinol (the active ingredient in marijuana) and not one substantiated death attributable to marijuana ingestion is known in medical literature. Increasingly, it appears that the massive government study was correct when it stated,

> "The most notable statement that can be made about the vast majority of marijuana users—experimenters and intermittent

users—is that they are essentially indistinquishable from their non-marijuana using peers by any fundamental criterion other than their marijuana use."[2]

Legal: Marijuana possession and use is still illegal in fourty-four states (California, Maine, Oregon, Alaska, Ohio, and Colorado have decriminalized the possession of small amounts for personal use). The Supreme Court of Alaska has ruled that marijuana use in the privacy of one's home is a right guaranteed in the Constitution.[3] (A similar case is now pending in the U. S. Supreme Court.) In North Carolina in 1974, there were 10,193 drug arrests and 6,313 eere for possession of less than one ounce of marijuana. The cost to the taxpayers of this state for these arrests and processing comes to almost $9 million![4] One can only speculate what effect this amount of money could have if applied to the menace of drug store robberies!

The once, hard-line policy of the federal government has substantially changed with the recent white paper by the President's Domestic Council, that the current "widespread recreational use" of marijuana involves a "relatively low social cost" which justifies "deemphasizing simple possession and use of marijuana in its law enforcement efforts."[5] (The report was endorsed by President Ford and N. C. Attorney General Edmisten, among others.)

Indeed, there remains an air of controversy concerning marijuana, but it appears more and more that the government campaign to stamp out marijuana use was an unobtainable and unreasonable goal. Furthermore, it appears that marijuana is here to stay. Over 30 million Americans have tried marijuana and over 13 million Americans smoke it on a regular basis.[2] (About the only place that can substantiate a decrease in use is Oregon, and that is for the year after decriminalization.[6]) People fear the ominous overtones to the very mention of marijuana because that is what they have always been taught. It appears increasingly urgent that the medical and legal community become much more vocal about public resolution of the situation so that we can get on with some more pressing matters of public need. We are the profession which has the responsibility to see that rational use of drugs is a reality. Placing the legal control and use of marijuana in the proper perspective and context of the real world in which we work and practice can only benefit both our profession and society.

References:

1. *Effects of Chronic Smoking of Cannabis in Jamaica,* Department of Health, Education and Welfare, 1973.
2. *Marijuana: A Signal of Misunderstanding,* National Commission on Marijuana and Drug Abuse, 1973.
3. *Ravin vs. the State of Alaska,* No. 1156, May 27, 1975.
4. *Marijuana: Beyond Understanding,* Senate Select Committee on the Control of Marijuana, 1974.
5. *White Paper for the President: Drug Abuse,* Domestic Council, September, 1975.
6. "Survey of Marijuana Use—State of Oregon," Drug Abuse Council, Washington, 1974.

*The material contained in this article does not necessarily represent either the sentiment of the School of Pharmacy or NCPhA.

PHARMACY TECHNICIANS COURSE UNDERWAY IN LENOIR COUNTY (PINK HILL)

A 13-weeks pharmacy technicians course directed by Pharmacist Robert L. Hood is nearing completion in Pink Hill.

A quiz follows each of the following lectures:

1. Preface, History & Introduction to Pharmacy.
2. Pharmaceutical References.
3. Communications.
4. The Patient Profile & Clinical Pharmacy.
5. Pharmaceutical Vocabulary & Abbreviations.
6. Pharmacology—Action & Use of Drugs.
7. Pharmaceutical Dosage Forms.
8. Pharmacy Math & Terms.
9. Pharmaceutical Management.
10. The Prescription & Pharmacy Department.
11. Your Pharmacy—A Health Center.
12. The Technician in Pharmacy Today.
13. Pharmacy Ethics & Legal Consideration.

Upon completion of the course, graduates will receive a pharmacy technician certificate. Mr. Hood, a graduate of the UNC School of Pharmacy, is pharmacist owner/manager of R. L. Hood Pharmacy, Pink Hill, and recently assumed ownership of a pharmacy in Kinston.

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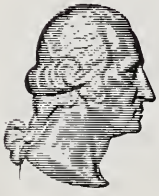
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Dear Dr. Hager,

Please convey my special thanks to the Board of Directors and all members of the North Carolina Pharmaceutical Research Foundation for the most generous and timely gift of $500 toward the development of a drug and herb garden as part of the Totten Center at the Botanical Garden. The funds you have given us will be matched with other funds to get the planning and preliminary work started on what we hope will be, in time, one of the outstanding herb and drug gardens in the country and a proper memorial to Dr. Totten's long interest in these plants and his service to the University. Again, my thanks for your interest, support, and generous contribution.

C. Ritchie Bell
N. C. Botanical Garden

Here is some information which further shows the inefficiency of the drug distribution program of the Veterans Administration:

A gentleman just left my pharmacy who is receiving monthly "shipments" of drugs from the local VA Hospital Pharmacy. He stated he was not taking as much medication as he once was and has built up a year's supply. He wanted me to take his bagful of pills in exchange for money or cigarettes. He stated his sister is taking the same blood pressure medicine that the VA Pharmacy is sending him so he is giving her his excess B. P. pills, which is more than enough to keep both of them supplied.

I kept my cool as best as possible, realizing the gentleman was not the one I should blame for wasting the taxpayer's money. It is the Veterans Administration.

Another recent instance of waste with VA's policy of out-patient prescriptions is one of our cutomers who receives on a regular basis a case of liquid antacid. It is more than he needs and he states he has built up a stockpile of cases of antacid, yet regular shipments keep arriving.

It is evident the Veterans Administration should make it easier for eligible VA beneficiaries to obtain necessary medication from hometown pharmacies where controls, on a one to one personal relationship, can be established on a practical, workable basis.

C. Michael Whitehead, R. Ph.
Ramseur Pharmacy, Inc.
Ramseur, N. C. 27316

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On request, A representative of the I. C. System will explain the collection program in detail.

Call or write the NCPhA, Box 151, Chapel Hill, North Carolina 27514

AMENDMENT TO REGULATIONS AUTHORIZING LIMITED QUANTITIES OF CONTROLLED SUBSTANCES IN SPECIAL EMERGENCY KITS IN NURSING HOMES

BE IT HEREBY RESOLVED that Rules and Regulations for North Carolina Controlled Substances Act Chapter 1, Part 5, be and the same is hereby amended by adding at the end thereof the following:

"Emergency Drug Kit

§ 5.31. SPECIAL CONTROLLED SUBSTANCES EMERGENCY DRUG KIT

A (special) controlled substances emergency drug kit shall be permitted in those skilled nursing facilities, intermediate care facilities, and combination facilities which are registered with the North Carolina Drug Commission.

(1) The controlled substances emergency drug kit shall contain not more than 5 controlled drug entities (Schedules II-V) as determined by the medical staff of the facility with the approval of the pharmaceutical service committee.

(2) Controlled substances for emergency use shall be obtained through purchase orders from the licensed pharmacist who regularly provides medications to the facility and its patients. When Schedule II drugs are purchased, Federal Drug Enforcement Administration Order Forms must be used.

(3) Controlled substances for emergency use shall be provided in single unit-dose form.

(4) A facility shall be permitted to possess not more than 3 doses of each controlled drug entity for each 50 licensed beds or fraction thereof. The three doses of each drug entity may be of the same or differing concentrations.

(5) The controlled emergency drug supply shall be used only for a bona fide medical emergency, consistent with good medical practice, and shall not serve as a routine source of medication for facility patients.

(6) The attending physician shall substantiate in writing in the patient record the necessity for the controlled substances emergency kit.

(7) The controlled substance emergency drug kit shall be stored in a securely locked, substantially constructed cabinet meeting the standards of federal and state regulations governing the storage of controlled substances.

(8) Only those persons designated by the director of the facility shall have access to the controlled substances emergency kit.

(9) The pharmacist-supplier of the controlled drugs for emergency use shall have primary responsibility for the proper control and accountability of such drugs in the facility.

(10) No person, individual, practitioner, or facility shall be permitted to perform by virtue of these regulations, any act otherwise prohibited by law.

(11) Nothing in these regulations shall compel any licensed pharmacist to provide controlled drugs for emergency use to any facility against his professional judgment.

(12) All pertinent provisions of Article 3, Section 8, of the North Carolina Board of Pharmacy Rules and Regulations relating to emergency drug kits generally shall apply.

(13) Exceptions to these regulations shall not be made, unless otherwise provided by law.

(14) Each registrant desiring to maintain a controlled substance emergency kit must be registered with the Federal Drug Enforcement Administration or receive an exemption from registration by that agency."

This Resolution shall become effective upon adoption. This the 18th day of September, 1975. Passed



SPONSORS HYPERTENSION DIABETIC SCREENING CLINIC

Reported by Billie E. Pittman

On October 25, the Burke-Caldwell Pharmaceutical Association and other agencies in North Carolina sponsored a Hypertension and Diabetic Screening Clinic. Don Rigdon organized the Burke County unit which included nine drug stores and one shopping center. The Caldwell County unit, with nine stores participating, was organized by Rodgers White.

Burke County had a total of 773 people screened for diabetes, hypertension, or both, and Caldwell County had a total of 475 people.

The Diabetes test which utilized the Unopette was sent to Raleigh to the Medical Division of the Department of Human Resources. There it was analyzed and results were available within two weeks of the test date.

People screened for hypertension were informed of their pressure with appropriate suggestions to follow if it ever elevated. Fifteen percent of those screened had a pressure greater than 140/90. Fifty-seven percent of previously diagnosed hypertensive patients were found to have either a systolic or diastolic pressure out of line. This fact illustrates the point that medication must be taken regularly.

These Clinics had the endorsement and approval of the County Medical Societies and County Health Departments.

Many thanks go to the team of volunteer nurses and student nurses who helped make it all possible.

Literature packets were provided by the American Heart Association, American Diabetes Association, and Merck, Sharpe, and Dohme.

LOWDERMILK TO HEAD HEART ASSOCIATION

Pharmacist Edward L. Lowdermilk of Chapel Hill has been named president of the Orange County Heart Association.

Pharmacist Lowdermilk is a graduate of the UNC School of Pharmacy (1967) and has served as program chairman for the Heart Association for two years. He received the President's Award from the North Carolina Heart Association in 1973 and the Achievement Recognition Award in 1974.

KAPPA EPSILON

All Kappa Epsilon collegiate members interested in joining the KE alumni chapter should contact Ginger Lockamy, 6708 Candlewood, Raleigh, North Carolina 27612, for more information.

TRI-COUNTY PHARMACY GROUP ORGANIZED

Officers of the newly organized Tri-County Pharmaceutical Association are:

Ben Lamm, Gastonia, Chairman
Julia Eskridge, Gastonia, Secy-Treas.
J. M. Clark, Editor of Newsletter

The organization's membership area is Gaston, Cleveland and Lincoln counties.

Guest speaker at the organization meeting of the Tri-County group in Cherryville was Basil Whitener, a former Congressman, who discussed the value of professional organizations and their legal strength.

CAPE FEAR

The Dean of the UNC School of Pharmacy, Dr. Seymour M. Blaug, was guest speaker at the October meeting of the Cape Fear Pharmaceutical Society.

The meeting, held in Fayetteville at the Barbecue Lodge, was attended by thirty members and guests.

Officers of the Society, composed of pharmacists from Cumberland, Robeson and Sampson counties, are Ellon Martin, president; Al Pittman, vice president; Betty Revie, secretary; and Hunter Smith, treasurer.

The district representatives are: Cumberland—Al Pittman; Robeson—Eddie Malion; and Sampson—Teamie West.

UNC PHARMACY SCHOOL NOTES

MSR CONFERENCE

More than one hundred registrants, many of them from out of the state, attended the UNC School of Pharmacy-sponsored Conference for Medical Service Representatives at the Governors Inn, Research Triangle Park, N. C., November 6-7.

Since reaction by registrants has been enthusiastic, similar-type conferences will probably be sponsored by the School in the future.

BURROUGHS WELLCOME AWARDS TO UNC SCHOOL OF PHARMACY

Burroughs Wellcome Company of Research Triangle Park, has announced two awards of $500 to North Carolina pharmacists who, in turn, have donated them to the UNC School of Pharmacy.

Recipients of these awards are Hobart G. Whaley, Professional Pharmacy, Wilmington, N. C. and A. M. Hicks, Pikesville Drug Store, Pikesville, N. C. Both Whaley and Hicks have elected to have these awards used to establish a revolving student loan fund in their names.

DEBRA ELLIS NAMED NATIONAL PHARMACY ESSAY WINNER

Debra Sue Ellis, a senior in the School of Pharmacy, The University of North Carolina at Chapel Hill, has won a $1500 essay contest sponsored by Johnson & Johnson Pharmaceutical Company, New Brunswick, New Jersey. The award was based on a paper submitted during her junior year and was judged the best of any student in the United States.

Debra's essay, "The Importance of Inventory Control and Management to Independent Pharmacy," discussed ways pharmacists could better control their pharmaceutical inventory and thereby provide improved service for customers as well as operating effectiveness. The paper was judged by editors of four national publications:
American Druggist, Drug Topics, NARD Journal, and *Pharmacy Times.*

While at the UNC School of Pharmacy, Debra has been an honor student and is active in Kappa Epsilon (women's professional pharmaceutical fraternity), Secretary-Treasurer of Rho Chi (pharmaceutical honor society), and is a member of the Student Branches of American Pharmaceutical Association and the N. C. Pharmaceutical Association. She is the recipient of the NCPhA Woman's Auxiliary's Vivian S. Smith Scholarship.

Debra is a graduate of Farmville High School, Farmville, North Carolina. She is the daughter of Mr. and Mrs. Weldon Ellis, Route 1, Farmville.

DR. NOVITCH SPEAKER FOR PHARMACY STUDENTS

Dr. Mack Novitch, Deputy Assistant Commissioner for Medical Affairs, Food and Drug Administration, was the guest speaker at the November 12 meeting of the UNC School of Pharmacy Student Branches.

Dr. Novitch discussed the controversial issue of Maximum Allowable Costs which is presently proposed by the Department of Health, Education, and Welfare to place maximum costs on many prescription drugs paid for through government services.

PHARMACY FACULTY ON ATLANTA PROGRAM

A number of faculty members of the UNC School of Pharmacy presented papers at the Academy of Pharmaceutical Sciences meeting held in Atlanta, Georgia November 17-21.

Associate Professor Jean Gagnon and Robert Zelino presented two papers: "The Lost Letter Technique: It's Applicability to Attitudinal Research in Pharmacy" and "Consumer Attitudes on Hypertension Screening by Pharmacists."

Dean Seymour M. Blaug spoke to the physicians of Atlanta at the Grady Memorial Hospital. His presentation was televised to other Atlanta hospitals. Dean Blaug's paper "Bioavailability—Fact or Fiction," was a part of the Ciba Pharmaceuticals Medical Horizons Program.

Other School of Pharmacy faculty who attended the meetings are Professors George H. Cocolas, B. W. Hadzija, and M. Robert Blum.

DOINGS

OF THE AUXILIARIES

- Chapel Hill—Mrs. George Cocolas
- Charlotte—Mrs. Charles Jarrett

PHARMACY STUDENT WIVES

The Pharmacy Student Wives met several times during the months of September and October. Their first meeting was held on September 9th at the Institute of Pharmacy at which time the new officers were installed. Special guests of the girls were Mrs. Rosemary Hedgepeth, President of the Woman's Auxiliary and Mrs. Vivian Smith, Co-ordinator of the Woman's Auxiliary. In installing the officers, Mrs. Hedgepeth presented each officer with a miniature animal—in each case equating the qualities of that animal with the duties of the respective office. For instance, a small lion was presented the the president to denote leadership. Newly installed officers are: Ellen West, president; Beth Alsup, first vice-president; Sharon Paoloni, second vice-president; Jane Bedard, secretary; Ann Rash, treasurer; and Debbie Houston, historian.

The president welcomed everyone and those in attendance introduced herself to acquaint the members with each other. Copies of the Yearbook were distributed, the constitution was read and discussed, and the programs for the year were reviewed. Plans were then finalized for the "Get Acquainted 'Beans & Jeans' Cook-Out" to be held at the home of Dr. and Mrs. George Cocolas.

On Sunday, September 14 a "Beans & Jeans" cook-out was held with members of the Student Wives, their husbands and families attending. Several games were played, including ping-pong, basketball, and croquet. Winners of the drawing held for a pair of blue jeans were Alice Barrington and Patrick S. Hale.

The Student Wives met at the Institute of Pharmacy on Thursday, September 25 for their regular bi-monthly meeting. A demonstration-workshop on corn husk dolls and wreaths presented by the president, Ellen West, was on the agenda. Eighteen girls started working on the wreaths and many went home with completed wreaths and dolls. Refreshments were served.

On Tuesday evening, October 8th, the Student Wives met at the Institute of Pharmacy for their regular meeting. A demonstration of cake-decorating was presented by Elaine Hale, one of the student wives. Refreshments were served.

A Workshop was held on Sunday, October 19th at Flowercrafts in Lakewood Shopping Center in Durham. At this time Ellen West showed various fall and Christmas Wreaths and decorations and demonstrated how to make bows. A brief business meeting was held and plans were made for a Halloween party to be held at the Institute of Pharmacy on October 26th. Refreshments were served.

On November 4th the Pharmacy Student Wives met at the Institute of Pharmacy. A brief business meeting was held after which student wives met with their husbands and Dr. William F. Eastman, Marriage Counsellor with the Student Health Service at UNC Memorial Hospital. Dr. Eastman spoke to the group, answered questions presented to him on cards at the beginning of the session and a general discussion followed. Refreshments were served.

CHARLOTTE

The Charlotte Woman's Pharmaceutical Auxiliary met on September 11 at the home of Mrs. Bruce Medlin for a covered dish picnic. Mrs. W. Don Smith, president presided and Yearbooks were distributed to the members present.

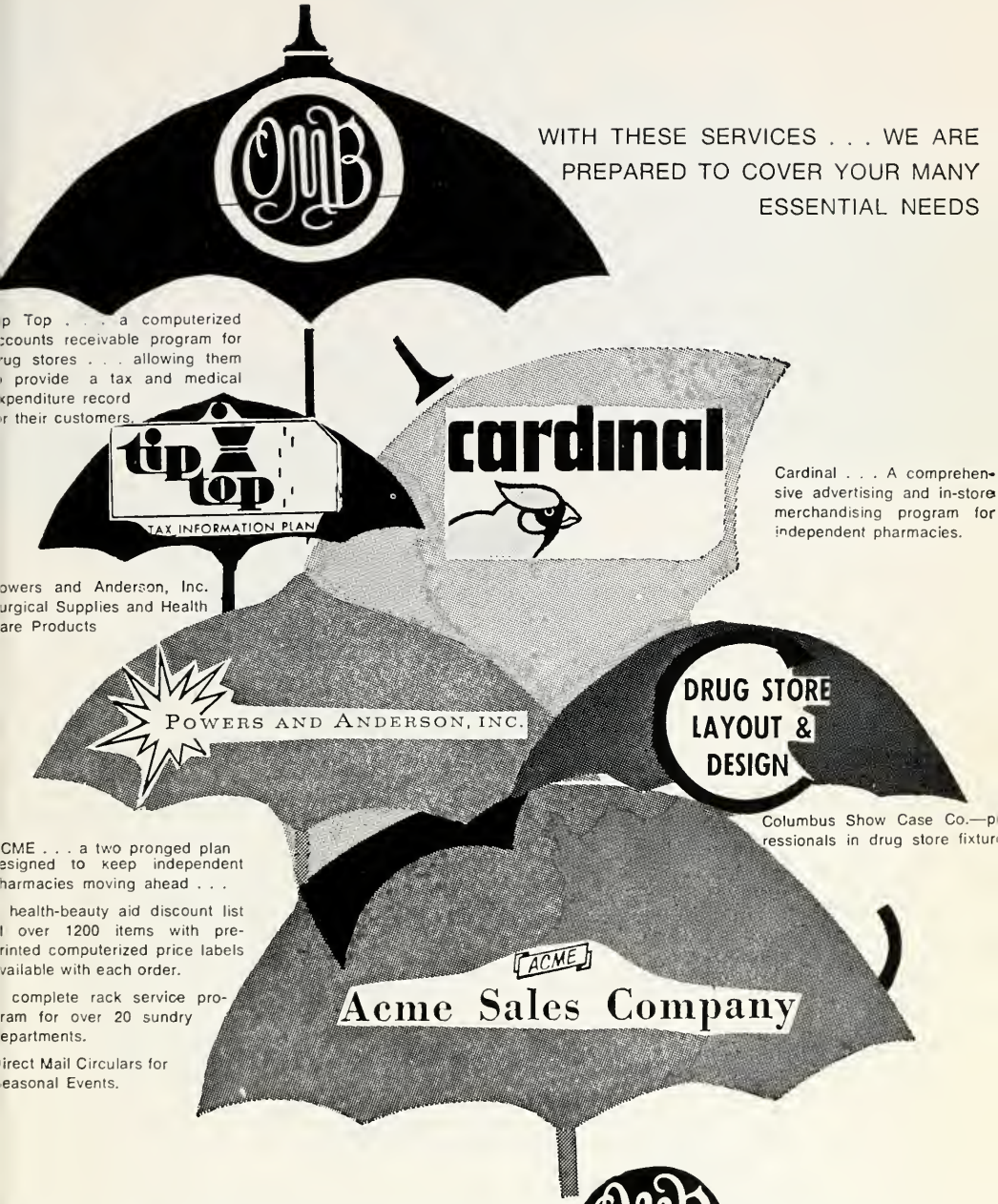
On October 14th the Charlotte Woman's Pharmaceutical Auxiliary met at the Y.W.C.A. for a luncheon meeting. Mr. Gilbert Colina was the guest speaker and spoke on "Improving the Image of Pharmacy." Mrs. Robert Lewis gave a report on the State Fall Seminar and Share-in and Mrs. Bruce Medlin will serve as local chairman for "Operation Flower Pot '76."



The Infirmary at N. C. State University, Raleigh, now has a full-time pharmacist, June West (pictured). The pharmacy is for students—not faculty, staff or student wives. Mrs. West, one of the two Bush Twin Pharmacists, has background experience of more than 30 years with various Raleigh Pharmacies. Photo by T. H. Huvard, technician.



Fifty seniors and three faculty members of the U.S.C. College of Pharmacy are shown above on a visit to Smith Wholesale Drug Company, Spartanburg. The visit was part of the student's course in drug marketing and drug store management. The group was welcomed by B. E. Shelley, executive vice president, and Frank Milstead, sales manager, and given a tour of The Smith Processing Center and Wholesale Drug Warehouse.



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